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## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: ZEBENE SANDET Examiner #: 80104 Date: 01/22/04  
Art Unit: 2622 Phone Number 30 703-306-3430 Serial Number: 09506807  
Mail Box and Bldg/Room Location: PK1 4B14 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: INTERNET FACSIMILE APPARATUS & ADDRESS INPUT METHOD

Inventors (please provide full names): KIYOSHI TOYODA

Earliest Priority Filing Date: 08/30/1999

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

CLAIMS 1, 10, and 15

email → fax

default domain name  
→ in sender or to recipient

preset  
prescribed

(John smith → default domain  
name)

↓  
address look in fax

### STAFF USE ONLY

Staff Use Only	Type of Search	Vendors and cost where applicable
Searcher: <u>Burns to Reynolds</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>306-0255</u>	AA Sequence (#) _____	Dialog <input checked="" type="checkbox"/>
Searcher Location: <u>PK2 3603</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>1-27-04 11:10</u>	Bibliographic <input checked="" type="checkbox"/>	Dr.Link _____
Date Completed: <u>1-28-04 12:40</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>1W</u>	Fulltext <input checked="" type="checkbox"/>	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet <input checked="" type="checkbox"/>
Online Time: <u>170</u>	Other _____	Other (specify) <input checked="" type="checkbox"/> <u>KEE</u>

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File 344:Chinese Patents Abs Aug 1985-2003/Nov  
(c) 2003 European Patent Office  
File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)  
(c) 2004 JPO & JAPIO  
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200406  
(c) 2004 Thomson Derwent

? ds

Set	Items	Description
S1	233255	FAX OR FACSIMILE
S2	12985	S1 AND (INTERNET OR NETWORK? OR WWW)
S3	1088	DOMAIN(3N)NAME
S4	9	S3 AND DEFAULT
S5	9	S4 AND (INSERT? OR USE OR SEND? OR UTILI? OR ROUT? OR REDIRECT? OR DIRECT? OR TRANSMI? OR RELAY?)
S6	4129	(EMAIL OR ELECTRONIC(3N)MAIL) AND ADDRESS?
S7	5430	(PERSONAL OR USER OR RECIPIENT)(3N)NAME OR ADDRESSEE
S8	2027	S7 AND (ENTER? OR TYPE OR INPUT?)
S9	464393	BUTTONS OR KEYPAD OR (KEY OR NUMBER)()PAD OR NUMBERPAD OR - PANEL
S10	1342716	ADDRESS() (BOOK?? OR LIST?) OR STORE OR STORING OR STORES OR MEMORY
S11	1103079	IC=(H04N? OR H04L?)
S12	9	S4 OR S5
S13	9	IDPAT (sorted in duplicate/non-duplicate order)
S14	8	IDPAT (primary/non-duplicate records only)
S15	38	S2 AND S3
S16	13	S15 AND S7
S17	1	S16 AND S9
S18	11	S16 NOT (S12 OR S17)
S19	11	IDPAT (sorted in duplicate/non-duplicate order)
S20	8	IDPAT (primary/non-duplicate records only)
S21	51098	S1 AND S10
S22	239	S21 AND S7
S23	6	S22 AND S3
S24	2	S23 NOT (S16 OR S12 OR S17)
S25	13	S1 AND S8 AND S9
S26	12	S25 NOT (S23 OR S16 OR S12 OR S17)
S27	12	IDPAT (sorted in duplicate/non-duplicate order)
S28	12	IDPAT (primary/non-duplicate records only)

14/3,K/1 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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015393647 \*\*Image available\*\*  
WPI Acc No: 2003-455788/200343  
Related WPI Acc No: 2002-112981  
XRPX Acc No: N03-362398

Domain name **service request resolve method in computer network,**  
**involves forwarding domain name service request to matching**  
**accessible network, when matching accessible network is found**

Patent Assignee: CISCO TECHNOLOGY INC (CISC-N)

Inventor: LOU S; SITARAMAN A; ZHANG S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6526450	B1	20030225	US 98197329	A	19981119	200343 B
			US 2001837786	A	20010417	

Priority Applications (No Type Date): US 98197329 A 19981119; US 2001837786  
A 20010417

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6526450	B1	14	G06F-013/00	Cont of application US 98197329 Cont of patent US 6324585

Domain name **service request resolve method in computer network,**  
**involves forwarding domain name service request to matching**  
**accessible network, when matching accessible network is found**

Abstract (Basic):

... The destination address of **domain name** service (DNS) request  
is altered to correspond with DNS sever within a matching accessible  
network, when accessible network is found and whose **domain name**  
matches with **domain name** query. The DNS request is forwarded to  
matching accessible network, when matching accessible network is found.  
The unaltered DNS request is forwarded to **default** network, when no  
matching accessible network is found.

... 1) **domain name** service request resolve apparatus; and...

...2) **domain name** service request resolve program storage device...

... USE - ...

...By forwarding DNS request to network within matching **domain name** ,  
most DNS request packets are resolved with minimum amount of bandwidth  
and minimum time. By allowing user to set **default** network to **send**  
request, provides flexibility to user in ensuring that the request is  
handled correctly

14/3,K/2 (Item 2 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014825561  
WPI Acc No: 2002-646267/200270  
XRPX Acc No: N02-511017

**Anti-pirating protection for Domain Name Servers, comprises external**  
**peripheral non-rewriteable equipment which may reduce the local name**  
**server to a default value or rewrite it**

Patent Assignee: BRISSAUD J P (BRIS-I); PAOLUCCI M (PAOL-I)

Inventor: BRISSAUD J P; PAOLUCCI M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2821451	A1	20020830	FR 20012523	A	20010223	200270 B

Priority Applications (No Type Date): FR 20012523 A 20010223

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
FR 2821451	A1	5	G06F-009/445	

**Anti-pirating protection for Domain Name Servers, comprises external peripheral non-rewriteable equipment which may reduce the local name server to a default value or rewrite it**

Abstract (Basic):

... a CD or smartcard is used to start a PC and may reduce the local **Domain name** server to a **default** value giving local protection or rewrite the local **domain name** server to include the numerical/alphabetic addresses of banks and other institutions to give protection against pirating of external **domain name** servers

... **USE** - ...

...To protect **domain name** servers from pirating

...Title Terms: **DEFAULT** ;

**14/3,K/3 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014695222 \*\*Image available\*\*

WPI Acc No: 2002-515926/200255

**Method for forwarding domain to allow user to access all documents of a relevant account**

Patent Assignee: UNIS CO LTD (UNIS-N)

Inventor: PARK D G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002005186	A	20020117	KR 200034313	A	20000621	200255 B

Priority Applications (No Type Date): KR 200034313 A 20000621

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002005186	A	1	G06F-017/30	

Abstract (Basic):

... The Internet user accesses a web server of a domain forwarding provider by entering a **domain name** and URL (Uniform Resource Locator) (S31). The web server searches HTTPHOST entered by the user through a **domain name** DB (S32). If there is no result, the web server displays a **default** page on a web browser of the user (S33). If the HTTPHOST matches a **domain name** table, the web server returns the user account as the result value (S33).

... Also, the web server checks if the returned user account includes the **REDIRECTURL** requested by the user or not (S34). If the returned user account does, the web server transfers both the user account and the **REDIRECTURL** to the web browser of the user through a

frame (S36). Otherwise, the web server...

14/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014292279 \*\*Image available\*\*

WPI Acc No: 2002-112981/200215

Related WPI Acc No: 2003-455788

XRPX Acc No: N02-084096

Domain name service request resolving method in computer networks,  
involves forwarding requests to default network, when domain names of  
accessible networks do not match with domain name query

Patent Assignee: CISCO TECHNOLOGY INC (CISC-N)

Inventor: LOU S; SITARAMAN A; ZHANG S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6324585	B1	20011127	US 98197329	A	19981119	200215 B

Priority Applications (No Type Date): US 98197329 A 19981119

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6324585	B1	15	G06F-013/00	

Domain name service request resolving method in computer networks,  
involves forwarding requests to default network, when domain names of  
accessible networks do not match with domain name query

Abstract (Basic):

... The domain name query of the domain name service (DNS)  
request is compared with the domain name of each accessible  
network. When a match is found, destination address of the DNS request  
...

...the request is forwarded to the network. Alternatively, the unaltered  
request is forwarded to a default network set by a user, when the  
domain names do not match with the query.

... USE - ...

...For resolving domain name service (DNS) request in computer networks  
e.g. TCP/IP networks...

...to user in ensuring the correct handling of requests by allowing the  
user to set default network for forwarding requests in specific  
conditions

...Title Terms: DEFAULT ;

14/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013926411 \*\*Image available\*\*

WPI Acc No: 2001-410624/200144

XRPX Acc No: N01-303768

Internet facsimile apparatus transmitting data via a computer network  
automatically adds default domain name to entered user name making  
address entry more reliable

Patent Assignee: MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS (MATY )

Inventor: TOYODA K

Number of Countries: 027 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1083732	A2	20010314	EP 2000103970	A	20000225	200144 B
CA 2300512	A1	20010228	CA 2300512	A	20000307	200144
JP 2001067286	A	20010316	JP 99243064	A	19990830	200144
JP 3174774	B2	20010611	JP 99243064	A	19990830	200144
JP 2001243162	A	20010907	JP 99243064	A	19990830	200166
			JP 2000397133	A	19990830	

Priority Applications (No Type Date): JP 99243064 A 19990830; JP 2000397133 A 19990830

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1083732	A2	E	15	H04N-001/00	
					Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
					LI LT LU LV MC MK NL PT RO SE SI
CA 2300512	A1	E		H04N-001/32	
JP 2001067286	A		9	G06F-013/00	
JP 3174774	B2		9	H04N-001/00	Previous Publ. patent JP 2001067286
JP 2001243162	A		9	G06F-013/00	Div ex application JP 99243064

**Internet facsimile apparatus transmitting data via a computer network automatically adds default domain name to entered user name making address entry more reliable**

Abstract (Basic):

... The facsimile apparatus has a panel (8) with several buttons. A memory stores **default** domain names and a controller generates mail address with the **default domain name** added to the user name when a user name is input from the panel through button operations. A mail section **transmits** e-mail **directed** to the mail address.

... **USE** - ...

...Simple and reliable input of E-mail address. Automatically adds **domain name** to input user name to create reliable mail address

...Title Terms: **TRANSMIT** ;

**14/3,K/6 (Item 6 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
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013156310 \*\*Image available\*\*

WPI Acc No: 2000-328182/200028

XPX Acc No: N00-247020

**Network device e.g. cable modem initialization for data-over-cable system**

Patent Assignee: 3COM CORP (THRE-N)

Inventor: BESER N B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6049826	A	20000411	US 9818400	A	19980204	200028 B

Priority Applications (No Type Date): US 9818400 A 19980204

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6049826	A		48	G06F-015/177	

Abstract (Basic):

... **USE** - ...

...Determines type of configuration parameter required for cable modem.  
Constructs configuration file based on **domain name** for cable modem.  
Ignores request for **default** configuration file. Ensures flexible  
initialization of cable modem

**14/3,K/7 (Item 7 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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010268672 \*\*Image available\*\*

WPI Acc No: 1995-169927/199522

Related WPI Acc No: 1995-366083; 1997-448260

XRPX Acc No: N95-133243

**Network configuration data base forming - uses domain hierarchy each of  
which includes certain information, which may be user names, their  
identifications, computer addresses passwords, personal data, user  
preference default setting etc**

Patent Assignee: NEXT COMPUTER INC (NEXT-N)

Inventor: TAYLOR B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5410691	A	19950425	US 90520091	A	19900507	199522 B
			US 93174213	A	19931228	

Priority Applications (No Type Date): US 90520091 A 19900507; US 93174213 A  
19931228

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 5410691	A	22	G06F-015/16	Cont of application US 90520091
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... **information, which may be user names, their identifications, computer  
addresses passwords, personal data, user preference default setting etc**

...Abstract (Basic): organisation of the network. Each domain is associated  
with the computers on the network. Each **domain** includes its **name**  
logically located above and below the each domain in the domain  
hierarchy...

...The method also performs operations creating a **directory** tree within  
each of the domains. Each the **directory** tree includes one or more  
**directories** for storing information associated with each domain and  
information associated with resources and services of...

... **USE /ADVANTAGE** - In computer environment with shared data and  
resources. Hierarchical flexibility, provision for making changes

...Title Terms: **DEFAULT** ;

**14/3,K/8 (Item 8 from file: 347)**

DIALOG(R)File 347:JAPIO

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06171023 \*\*Image available\*\*

**ROUTE CONTROL METHOD AND DOMAIN NAME SYSTEM SERVER DECIDING METHOD**



PUB. NO.: 11-112570 [JP 11112570 A]  
PUBLISHED: April 23, 1999 (19990423)  
INVENTOR(s): KASHIMA KENICHI  
APPLICANT(s): NEC CORP  
APPL. NO.: 09-275825 [JP 97275825]  
FILED: October 08, 1997 (19971008)

**ROUTE CONTROL METHOD AND DOMAIN NAME SYSTEM SERVER DECIDING METHOD**

**ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide the method for setting different **routes** for respective terminals by previously setting a **default route** to the terminal and executing connection by the **default route** which is set when the terminal is connected to a final address being a target in a network which can select the plural **routes**.

**SOLUTION:** A datagram is transferred from the terminal 5 to a **router** 4 and the **router** 4 receiving the datagram transfers the datagram to a **route** control part 20 for deciding the used **route**. The **route** control part 20 calculates a final network address from the final address. Then, a **route** control table is referred to and it is recognized with which network address that is **directly** connected the calculated final network address is matched. When the matched ones exist, the received datagram is **transmitted** to a final point through the network. When the matched ones do not exist, it is recognized whether the final address exists as the terminal designation **route** or not.

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17/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013926411 \*\*Image available\*\*  
WPI Acc No: 2001-410624/200144  
XRPX Acc No: N01-303768

Internet facsimile apparatus transmitting data via a computer  
network automatically adds default domain name to entered user name  
making address entry more reliable

Patent Assignee: MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS (MATY )

Inventor: TOYODA K

Number of Countries: 027 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1083732	A2	20010314	EP 2000103970	A	20000225	200144 B
CA 2300512	A1	20010228	CA 2300512	A	20000307	200144
JP 2001067286	A	20010316	JP 99243064	A	19990830	200144
JP 3174774	B2	20010611	JP 99243064	A	19990830	200144
JP 2001243162	A	20010907	JP 99243064	A	19990830	200166
			JP 2000397133	A	19990830	

Priority Applications (No Type Date): JP 99243064 A 19990830; JP 2000397133  
A 19990830

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1083732	A2	E 15	H04N-001/00	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
CA 2300512	A1	E	H04N-001/32	
JP 2001067286	A		9 G06F-013/00	
JP 3174774	B2		9 H04N-001/00	Previous Publ. patent JP 2001067286
JP 2001243162	A		9 G06F-013/00	Div ex application JP 99243064

Internet facsimile apparatus transmitting data via a computer  
network automatically adds default domain name to entered user name  
making address entry more reliable

Abstract (Basic):

... The **facsimile** apparatus has a **panel** (8) with several  
**buttons** . A memory stores default domain names and a controller  
generates mail address with the default **domain name** added to the  
**user name** when a **user name** is input from the **panel** through  
button operations. A mail section transmits e-mail directed to the mail  
address.

... The data input from the **panel** through button operation  
contains no ', the controller decides that the input data is a **user  
name** . If the data input contains an ', the controller creates no mail  
address and inputs the...

...For automatically inputting an e-mail address of a destination to an  
**Internet facsimile** apparatus...

...Simple and reliable input of E-mail address. Automatically adds **domain  
name** to input **user name** to create reliable mail address...

...The figure shows functions of a **panel** control section of the IFAX...

Title Terms: **FACSIMILE** ;

?

20/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015500509 \*\*Image available\*\*  
WPI Acc No: 2003-562656/200353  
XRPX Acc No: N03-447339

Communication control method for computer network , involves storing IP  
address corresponding to host name of each computer based on which  
communication is established, when similar communication is judged

Patent Assignee: MITA IND CO LTD (MTAI )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003169076	A	20030613	JP 2001365523	A	20011130	200353 B

Priority Applications (No Type Date): JP 2001365523 A 20011130

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003169076	A		6 H04L-012/56	

Communication control method for computer network , involves storing IP  
address corresponding to host name of each computer based on which  
communication...

Abstract (Basic):

... A network scanner (10) receives the internet protocol (IP)  
address corresponding to the host name of designated personal  
computer (PC) (11a-11n) from the domain name system (DNS) server  
(12). The communication between the scanner and desired computer is  
established using...  
... For communication control among personal computers and printer/  
facsimile in computer networks .  
...

...Eliminates the need for acquiring the address for each communication  
thereby network load is reduced and communication time is reduced...

...The figure shows the block diagram of the network system . (Drawing  
includes non-English language text...

... network scanner (10...

... domain name system server (12

...Title Terms: NETWORK ;

20/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014825715 \*\*Image available\*\*  
WPI Acc No: 2002-646421/200270

Related WPI Acc No: 1998-274861; 1999-274376; 1999-340303; 2000-026370;  
2000-026371; 2000-026372; 2000-026373; 2000-026374; 2000-026375;  
2001-055725; 2001-400227; 2001-480577; 2002-306863; 2002-342991;  
2002-477485; 2002-577529; 2002-585744; 2002-593224; 2002-610863;  
2002-610864; 2002-630082; 2003-203560; 2003-203561; 2003-203567;  
2003-336929

XRPX Acc No: N02-511168

**IP terminal generates information communication system0 user frame including domain name or user address of receiver IP terminal and transmits it to user communication line**

Patent Assignee: DISTRIBUTION SYSTEMS RES INST (DIST-N); MIYAGUCHI RES CO LTD (MIYA-N)

Inventor: FURUKAWA H; MIYAGUCHI S

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2372182	A	20020814	GB 9722070	A	19971017	200270 B
			GB 20024726	A	20020228	
GB 2372182	B	20021009	GB 9722070	A	19971017	200274
			GB 20024726	A	20020228	

Priority Applications (No Type Date): JP 96326736 A 19961206

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2372182	A	225	H04L-029/12	Div ex application GB 9722070
GB 2372182	B		H04L-029/12	Div ex application GB 9722070

**IP terminal generates information communication system user frame including domain name or user address of receiver IP terminal and transmits it to user communication line**

Abstract (Basic):

... The terminal connected to integrated information communication system (ICS) converts ICS user addresses to ICS **network** addresses and generates ICS user frame (80) including ICS **domain name** or ICS **user** address of a receiver IP terminal and transmits it to user communication line. The terminal...

... IP terminal is used with ICS such as personal computer, local area **network**, telephone, **facsimile**, cable television and **internet**

**20/3,K/3 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014541269

WPI Acc No: 2002-361972/200239

XRPX Acc No: N02-282948

**Method of sending a facsimile document over a network by attaching the document to an e-mail and forwarding the mail through a gateway with the lowest utilization**

Patent Assignee: BBNT SOLUTIONS LLC (BBNT-N)

Inventor: GOODMAN L N

Number of Countries: 095 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200215016	A1	20020221	WO 2001US24921	A	20010807	200239 B
AU 200183209	A	20020225	AU 200183209	A	20010807	200245

Priority Applications (No Type Date): US 2000638166 A 20000810

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200215016	A1	E 44	G06F-013/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN

IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW  
AU 200183209 A G06F-013/00 Based on patent WO 200215016

**Method of sending a facsimile document over a network by attaching the document to an e-mail and forwarding the mail through a gateway...**

Abstract (Basic):

... The mail message to which the **facsimile** document is attached has an associated address containing the telephone number of the **recipient** and the **domain name** of a **facsimile** mail server. The attachment may be in the form of a TIF attachment. The mail is sent to the **facsimile** mail server which selects a Gateway with the lowest utilization and forwards the mail to...

... The mail is then forwarded from the Gateway to the **recipient**. A gateway **domain name** for Zones in an H 323 **network** is defined and a Gatekeeper associated with the **network** provides Gateway utilization data. A lookup table provides the IP address and utilization data for...

...a) a method of facilitating the sending of a **facsimile** document through a **network**  
(...

...b) a system for sending a **facsimile** document through a **network**  
(...

...c) and a system for facilitating the sending of a **facsimile** document through a **network**  
...

...Sending **facsimile** documents through communications **networks** such as the **Internet**.

...Title Terms: **FACSIMILE** ;

20/3,K/4 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

013333087 \*\*Image available\*\*  
WPI Acc No: 2000-505026/200045  
XRPX Acc No: N00-373394

**Repository of user information managing method using personalized URL in world wide web, involves prepending unique user identifier associated with user information in user database to domain name**

Patent Assignee: ECODE.COM INC (ECOD-N); CHANDRA R (CHAN-I)

Inventor: CHANDRA R

Number of Countries: 090 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6085242	A	20000704	US 99225651	A	19990105	200045 B
WO 200041092	A1	20000713	WO 2000US221	A	20000105	200045
AU 200024908	A	20000724	AU 200024908	A	20000105	200052

Priority Applications (No Type Date): US 99225651 A 19990105  
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
 US 6085242 A 12 G06F-015/173  
 WO 200041092 A1 E G06F-015/173  
 Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
 CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
 SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
 Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
 IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW  
 AU 200024908 A G06F-015/173 Based on patent WO 200041092

... URL in world wide web, involves prepending unique user identifier associated with user information in user database to domain name

Abstract (Basic):

... An unique user identifier (350) of **network** user is associated with user information (352) in user database (318). The unique user identifier is prepended to a **domain name** to create a personalized uniform resource locator (URL). The user information is retrieved from the...

... document, electronic form of personalized business card, person's name, title, address, telephone/cellular number, **facsimile** number, pager number, e-mail address, corporate name, corporate logo, license number, company motto or...

...The figure shows the computer **network** architecture which implements personalized URL...

20/3,K/5 (Item 5 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2004 Thomson Derwent. All rts. reserv.

012887313 \*\*Image available\*\*  
 WPI Acc No: 2000-059147/200005  
 XRPX Acc No: N00-046372

**Communication system for different networks using transport control protocol- internet protocol, e.g. internet , intranet - has electronic mail receiving converters which transform electronic mails held at receivers to facsimile signals, and transmit facsimile signals to facsimile telephone number of designated facsimile machines**

Patent Assignee: NIPPON COMPUTER AIDED DESIGN KK (NICO-N)  
 Number of Countries: 001 Number of Patents: 001  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11316720	A	19991116	JP 9967267	A	19990205	200005 B

Priority Applications (No Type Date): JP 9863841 A 19980205

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
 JP 11316720 A 13 G06F-013/00

**Communication system for different networks using transport control protocol- internet protocol, e.g. internet , intranet...**

...has electronic mail receiving converters which transform electronic mails held at receivers to facsimile signals, and transmit facsimile signals to facsimile telephone number of designated facsimile machines

...Abstract (Basic): NOVELTY - Electronic mail receiving converters (17,18)

transform electronic mails held at receivers to **facsimile** signals, and transmit the **facsimile** signals to the **facsimile** telephone number of **facsimile** machines (19,110) designated by an address designation system. DETAILED DESCRIPTION - Each electronic mail receiving...

...which includes the receiver that accepts and holds all the electronic mails with address of **domain name** containing **facsimile** number, is specified by the **domain name** in an electronic mail **network**. The address designation system designates the **facsimile** machine of the **facsimile** number from the electronic mail **network** to the electronic mail address which designates a portion of the **facsimile** telephone number as a portion of the **domain name** of electronic mail address, and designates the remaining portion as the **user name** of electronic mail address...

...USE - For different **networks** using TCP/IP, e.g. **internet**, intranet  
...

...ADVANTAGE - Enables automatic sending of electronic mail to **facsimile** address. Also enables easy collection of electronic mail address to **facsimile** machine. Need for registering **facsimile** signal becomes unnecessary. Enables easy utilization of designation format of address. Reduces operational expenses since...

...DESCRIPTION OF DRAWING(S) - The figure shows the diagram of the communication system for different **networks**. (17,18) Electronic mail receiving converters; (19,110) **Facsimile** machines...

...Title Terms: **NETWORK** ;

20/3,K/6 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

012492144 \*\*Image available\*\*  
WPI Acc No: 1999-298252/199925  
XRPX Acc No: N99-224450

**Control procedure of network facsimile - involves forming electronic mail address by sequentially connecting user name, pause name and selected domain name**

Patent Assignee: RICOH KK (RICO )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11102335	A	19990413	JP 97276661	A	19970925	199925 B

Priority Applications (No Type Date): JP 97276661 A 19970925

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11102335	A	13	G06F-013/00	

**Control procedure of network facsimile - ...**

...involves forming electronic mail address by sequentially connecting user name, pause name and selected domain name

...Abstract (Basic): which is in accord with character next to the pause symbol is searched and the **domain name** is selected from log information on **domain name** stored in **domain name** buffer. The **user name**, the pause symbol and the selected **domain name** is

sequentially connected to form electronic mail address. DETAILED DESCRIPTION - A **domain name** which consists components other than the **user name** is stored in **domain name** buffer while performing input of **user name** and a **domain name** by electronic mail address input unit, even the pause symbol included in it are stored...

...USE - For **network facsimile** .

...

...ADVANTAGE - Labor which inputs electronic mail address is greatly reduced. Since **domain name** buffer is divided for every first character, search operation is performed, quickly

...Title Terms: **NETWORK** ;

**20/3,K/7 (Item 7 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

012310979 \*\*Image available\*\*

WPI Acc No: 1999-117085/199910

XRPX Acc No: N99-086673

**Network facsimile control method - involves verifying whether user is authorised person by verifying mail address of user stored in permission magnetic domain name table**

Patent Assignee: RICOH KK (RICO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10341306	A	19981222	JP 97163465	A	19970606	199910 B

Priority Applications (No Type Date): JP 97163465 A 19970606

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10341306	A	16	H04N-001/00	

**Network facsimile control method...**

**...whether user is authorised person by verifying mail address of user stored in permission magnetic domain name table**

...Abstract (Basic): method involves verifying whether a user who receives the image data through a local area **network** is an authorised user by verifying the mail address of the user in a permission magnetic **domain name** table. When the **user** is detected to be an authorised user, the image data is transmitted to a **facsimile** (FX) of the designated public **network** .

...

...by an incorrect user is prevented. DESCRIPTION OF DRAWING(S) - The block diagram shows a **network** system. (FX) **Facsimile** .

Title Terms: **NETWORK** ;

**20/3,K/8 (Item 8 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

012282168 \*\*Image available\*\*



WPI Acc No: 1999-088274/199908

XRPX Acc No: N99-064655

**Control method of network facsimile - involves storing input contents as user name , if pause symbol of user name and domain name is input by E-mail address input unit**

Patent Assignee: RICOH KK (RICO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10322508	A	19981204	JP 97142914	A	19970519	199908 B

Priority Applications (No Type Date): JP 97142914 A 19970519

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10322508	A	10	H04N-001/00	

**Control method of network facsimile - ...**

**...involves storing input contents as user name , if pause symbol of user name and domain name is input by E-mail address input unit**

**...Abstract (Basic):** The method involves storing input contents as **user name** , if pause symbol of **user name** and **domain name** is input by an E-mail address input unit. The **domain name** stored in **domain name** buffer is selected sequentially based on log information and is read and displayed. The selected **domain name** is coupled with input **user name** , pause symbol to produce E-mail address...

**...USE - For controlling facsimile connected to local area network , public telecommunication network .**

**...**

**...ADVANTAGE - Reduces labour for inputting E-mail address. Obtains desired domain name quickly**

**...Title Terms: NETWORK ;**

**?**

24/3,K/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

06548673 \*\*Image available\*\*  
FACSIMILE TERMINAL

PUB. NO.: 2000-134402 [JP 2000134402 A]  
PUBLISHED: May 12, 2000 (20000512)  
INVENTOR(s): IKEGUCHI KEITOKU  
HIROKI SHINYA  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD  
APPL. NO.: 10-306604 [JP 98306604]  
FILED: October 28, 1998 (19981028)

FACSIMILE TERMINAL

#### ABSTRACT

...TO BE SOLVED: To allow the user to simply enter an E mail address by **storing** a **domain name** (a character string placed to the right of the mark ) of an E mail address supposed to be frequently in use to a **memory** of a main body in advance through key entry and calling the **domain name** when it is in use.

SOLUTION: The user inserts a document desirably mailed to an...  
...The user in this state enters an address, e.g. 'taro' (S 502). When the **user** depresses a '**domain name**' button (S 503), information of the **domain name** is read from a domain list stored in a RAM. In the case that the user has already registered the **domain name** in cross reference with the address 'taro', the **domain name** information is read and the display device indicates, e.g. 'Destination = taro @ abc.panasonic.com...'

24/3,K/2 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

013231556 \*\*Image available\*\*  
WPI Acc No: 2000-403430/200035  
Related WPI Acc No: 2000-396129; 2000-396134  
XRPX Acc No: N00-302097

Facsimile connected with electronic mail server, has controller which **controls read out and display of information in domain name , when user operates domain name button**

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU ); MATSUSHITA ELECTRIC IND CO LTD (MATU )

Inventor: HIROKI S; IKEGUCHI Y

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000134402	A	20000512	JP 98306604	A	19981028	200035 B
US 6594032	B1	20030715	US 99426885	A	19991026	200348

Priority Applications (No Type Date): JP 98306604 A 19981028; JP 98310018 A 19981030; JP 98310019 A 19981030

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000134402	A		4	H04N-001/00	
US 6594032	B1			G06K-015/00	

Facsimile connected with electronic mail server, has controller which controls read out and display of information in domain name , when user operates domain name button

Abstract (Basic):

... A controller is provided to control read out and display of information on domain name stored by memory , when user operates a domain name button during input of transmission destination.  
... The figure shows block diagram of facsimile .

Title Terms: FACSIMILE ;  
?

28/3,K/1 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

013797017 \*\*Image available\*\*  
WPI Acc No: 2001-281229/200129  
XRPX Acc No: N01-200541

Personal data transmission device transmits data bidirectionally and unidirectionally, when transmission device is operatively coupled to respective phones and when data sending party couples device to phone, respectively

Patent Assignee: DEVLAS P (DEVL-I)

Inventor: DEVLAS P

Number of Countries: 092 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200105136	A1	20010118	WO 2000US19292	A	20000714	200129 B
AU 200061010	A	20010130	AU 200061010	A	20000714	200129
EP 1198946	A1	20020424	EP 2000947392	A	20000714	200235
			WO 2000US19292	A	20000714	

Priority Applications (No Type Date): US 99143812 P 19990714

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200105136 A1 E 14 H04M-011/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200061010 A H04M-011/00 Based on patent WO 200105136

EP 1198946 A1 E H04M-011/00 Based on patent WO 200105136

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic):

... receiving party has telecommunication device chosen from PDA, speaker phone, portable phone, answering machine and **facsimile** .

... A data/voice switch (14), data **input** -output interface (20), read only memory (38), non-volatile memory (22), character generator (24), visual...

...voice switch and voice mute circuit are connected to telephone. Receive and transmission data select **buttons** (28,30) are respectively connected to data **inputoutput** interface, to which program button is connected...

...Personal data transmission device connected to telephone and telephone line. For transmitting **personal** data like **name** , address telephone number, **facsimile** number, social security number, credit card number, other personal or business information etc used in...

... **Input** -output interface (20...

... **Buttons** (28,30

28/3,K/2 (Item 2 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

011327016      \*\*Image available\*\*

WPI Acc No: 1997-304920/199728

XRPX Acc No: N97-252477

**Telephone directory communication apparatus e.g. for telephone or facsimile - has telephone directory production device which registers handwritten name and dialled phone number and creates image data corresponding to registered data**

Patent Assignee: SUZUKI SEISAKUSHO KK (SUZU-N)

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9116643	A	19970502	JP 95260266	A	19951006	199728 B

Priority Applications (No Type Date): JP 95260266 A 19951006

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9116643	A	14	H04M-011/00	

**Telephone directory communication apparatus e.g. for telephone or facsimile -**

...Abstract (Basic): The apparatus includes a touch **panel** (5) which, when pressed, produces a telephone directory screen consisting of a name and telephone...

...A **user** handwrites a **name** in the write-in area provided in the name column and pressing the corresponding dial...

...registers the handwritten name and phone number and creates an image data corresponding to the **input** data...

...ADVANTAGE - Easily produces directory by simplified operation. Obtains excellent operativity, since operation of **input** pen is not required when image data corresponding to name and telephone number is automatically...

...Title Terms: **FACSIMILE** ;

**28/3,K/3      (Item 3 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

010529118      \*\*Image available\*\*

WPI Acc No: 1996-026071/199603

XRPX Acc No: N96-022206

**Colour facsimile device for highlighting comment or message data for user addresses - generates additional image data from matched additional comment demand and shortening number, appends to compressed data and produces transmission data for output**

Patent Assignee: FUJI XEROX CO LTD (XERF )

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7298069	A	19951110	JP 9489487	A	19940427	199603 B

Priority Applications (No Type Date): JP 9489487 A 19940427

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 7298069	A	22	H04N-001/46	

**Colour facsimile device for highlighting comment or message data for user addresses...**

...Abstract (Basic): The device has a CPU (12) that matches a comment and an **addressee** to a shortening number according to a registration indication and stored to a shortening number registration part (28). The shortened number is **input** from a **panel** component (22). A scanner (14) decomposes an original document into several colour components and read...

...information is formed by the matched additional comment demand and the shortened number from the **panel** component and stored to the shortening number registration part. A transmitting image information is formed...

...ADVANTAGE - Provides good operativity during transmission time by **inputting** registered shortening number from **panel** component. Automatically colours comment and **addressee** by additional image information added to compression encoding information. Eliminates operator colour directing by detection...

...Title Terms: **FACSIMILE** ;

**28/3,K/4 (Item 4 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

004296860

WPI Acc No: 1985-123738/198521

XRPX Acc No: N85-093041

**Automatic telecopier dialling device - uses dialling number store for storing certain dialling numbers of frequently used addresses**

Patent Assignee: SHARP KK (SHAF )

Inventor: HAYASHI M; KOTANI M; OI Y; YASUDA S

Number of Countries: 003 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3439867	A	19850515	DE 3439867	A	19841031	198521 B
JP 60096951	A	19850530	JP 83206519	A	19831031	198528
US 4764951	A	19880816	US 84666774	A	19841031	198835
JP 3205960	A	19910909				199142
DE 3439867	C2	19970213	DE 3439867	A	19841031	199711

Priority Applications (No Type Date): JP 83206519 A 19831031; JP 90121896 A 19900000

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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DE 3439867	A	14		
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DE 3439867	C2	6	H04N-001/32	
------------	----	---	-------------	--

...Abstract (Basic): The dial system equipment comprises an **input** device (9) with digit keys, for keying in of dialling numbers, and function keys. A...

...certain dialling numbers of frequently dialled addresses, and at least command key associated with the **input** device (9) is provided and is used to drive the dialling numbers store (11b) to...

...USE/ADVANTAGE - For telecopy etc. equipment, partic. **facsimile** transmission equipment. Provides fault-free **input** of dialling numbers

during dialling procedure...

...Abstract (Equivalent): The **facsimile** machine includes an automatic dialler requiring no dial operation when calling up a specific **addressee** particularly an **addressee** requiring frequency communication, allows simplified transmission of the **addressee** 's dial signal to the service line by using 'one-touch' key operation, thus achieving...

...The automatic dialler is provided with a memory storing dial data of such a specific **addressee** requiring frequency communications...

...In response to the operation of a specific instruction key on the operation **panel** , the automatic dialler reads dial data from memory before delivery to the dial pulse generator...

...the service line to activate transmission of a message through a telecopier such as a **facsimile** .

...Title Terms: **FACSIMILE**

28/3,K/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

07403036 \*\*Image available\*\*  
**FACSIMILE** SYSTEM

PUB. NO.: 2002-271541 [JP 2002271541 A]  
PUBLISHED: September 20, 2002 (20020920)  
INVENTOR(s): ASAI TAKAHIRO  
APPLICANT(s): RICOH CO LTD  
APPL. NO.: 2001-072352 [JP 20011072352]  
FILED: March 14, 2001 (20010314)

**FACSIMILE** SYSTEM

#### ABSTRACT

... a sender name or the like to transmission history data at transmission and attaches the **recipient name** to print history data at printing by authenticating a person by means of the fingerprint...

...carried out.

SOLUTION: When an operator makes a transmission or print operation request to a **facsimile** terminal, the **facsimile** terminal 1 utilizes a display **panel** or the like to urge the operator to **enter** the fingerprint. The **facsimile** terminal scans the **entered** fingerprint data of the operator, converts the data into one- dimensional or two-dimensional image...

... are fed to an authentication discrimination section 4. The authentication discrimination section 4 collates the **entered** fingerprint data with person authentication data registered, in advance, that is, with the data of...

... conduct succeeding processing and a control instruction section 6 gives a proper instruction to the **facsimile** machine 1.

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28/3,K/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

07131152 \*\*Image available\*\*  
**FACSIMILE** EQUIPMENT

PUB. NO.: 2001-358822 [JP 2001358822 A]  
PUBLISHED: December 26, 2001 (20011226)  
INVENTOR(s): MATSUSHITA SATOSHI  
APPLICANT(s): BROTHER IND LTD  
APPL. NO.: 2001-115056 [JP 20011115056]  
Division of 10-027781 [JP 9827781]  
FILED: January 26, 1998 (19980126)

**FACSIMILE** EQUIPMENT

ABSTRACT

... a smaller number of operations and to simplify the operations of a user in a **facsimile** equipment, capable of performing **facsimile** communications by both routes of a public line network and the Internet.

SOLUTION: One of one-easy-touch **buttons** for destination information registration is selected, and an **addressee**, a telephone number and an electronic mail address are **inputted** (S10-S40). At this time, priority is set to the telephone number as the normal route for **facsimile** transmission to the calling party, when the telephone number is **inputted** first, and the priority is set to the electronic mail address, when the electronic mail address is **inputted** first (S50-S80). In this manner, the priority of the transmission route at normal **facsimile** transmission is individually registered for each destination together with the **addressee** to each one-easy-touch button, and the user selects the route at normal **facsimile** transmission time together with the destination, merely by pressing the one-easy-touch button.

COPYRIGHT...

28/3,K/7 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

05890756 \*\*Image available\*\*  
IMAGE FORMING DEVICE

PUB. NO.: 10-173856 [JP 10173856 A]  
PUBLISHED: June 26, 1998 (19980626)  
INVENTOR(s): FUKATSU YASUO  
YAMAZAKI KATSUYA  
SATO TSUTOMU  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-344640 [JP 96344640]  
FILED: December 09, 1996 (19961209)

...JAPIO CLASS: **Facsimile** ); 45.3 (INFORMATION PROCESSING...

... **Input** Output Units); 45.9 (INFORMATION PROCESSING



ABSTRACT

...SOLUTION: When the image data are received at a **facsimile** part 301 of an external device 3, the data are turned into a file via...  
... screen. When the desired file is transferred, a transmission button is pushed on a display **panel** after a registered **user name** is displayed and a transfer object user is selected. Thus, the file contents are transferred...

28/3,K/8 (Item 8 from file: 347)

DIALOG(R)File 347:JAPIO

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05043913 \*\*Image available\*\*

**FACSIMILE** EQUIPMENT AND ITS COMMUNICATION METHOD

PUB. NO.: 07-336513 [JP 7336513 A]

PUBLISHED: December 22, 1995 (19951222)

INVENTOR(s): FUJIWARA YASUNORI

APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 06-132043 [JP 94132043]

FILED: June 14, 1994 (19940614)

**FACSIMILE** EQUIPMENT AND ITS COMMUNICATION METHOD

...JAPIO CLASS: **Facsimile** )

ABSTRACT

PURPOSE: To obtain a **facsimile** equipment and its communication method in which the user is limited...

...CONSTITUTION: When color **facsimile** communication is commanded by an operation **panel** 13, a central control section 11 discriminates whether or not an user information **inputted** from the **panel** 13, a **user name** registered in advance in a memory section 12 and a password are coincident and controls...

... section 15 and a communication control section 14 when they are coincident to conduct color **facsimile** communication. Thus, the increase in the line utility charge by useless color image transmission is prevented and a problem not available for equipment due to the busy equipment when the **facsimile** transmission of a color image is required is avoided.

28/3,K/9 (Item 9 from file: 347)

DIALOG(R)File 347:JAPIO

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04943417 \*\*Image available\*\*

**FACSIMILE** EQUIPMENT

PUB. NO.: 07-236017 [JP 7236017 A]

PUBLISHED: September 05, 1995 (19950905)

INVENTOR(s): MINOWA TAKEHIKO

APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 06-026848 [JP 9426848]

FILED: February 24, 1994 (19940224)

**FACSIMILE** EQUIPMENT

...JAPIO CLASS: **Facsimile** ); 44.4 (COMMUNICATION

ABSTRACT

PURPOSE: To surely take correspondence between an original and a sender by providing a means **inputting** information to identify the sender, a means storing the information and a means printing out sender identification information on a resulting table to the **facsimile** equipment...

...CONSTITUTION: A function key of an operation **panel** 1 is depressed, a character is selected sequentially one by one on a name **input** screen displayed on a display section 8 and the **name** of the **user** is **inputted** in KANA (Japanese syllabary). The same data **inputted** in KANA are converted by a voice data table 4 into synthesized voice control data...

... stored. Succeedingly, its own station telephone number and a transmission opposite station telephone number are **inputted** and the data are sent. The result of the transmission implemented in this way is informed by a phone call according to its own telephone number **inputted** from the **facsimile** equipment. In this case, the **facsimile** equipment generates the resulting table together with voice notice and outputs them. The **inputted** sender name and sender telephone number are described on the resulting table. Thus, whether or...

28/3,K/10 (Item 10 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

04573119 \*\*Image available\*\*  
PUBLIC LINE COMMUNICATION EQUIPMENT

PUB. NO.: 06-245019 [JP 6245019 A]  
PUBLISHED: September 02, 1994 (19940902)  
INVENTOR(s): SATO FUMIO  
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 05-030886 [JP 9330886]  
FILED: February 19, 1993 (19930219)  
JOURNAL: Section: E, Section No. 1638, Vol. 18, No. 635, Pg. 35,  
December 05, 1994 (19941205)

...JAPIO CLASS: **Facsimile** ); 44.4 (COMMUNICATION

ABSTRACT

... NTT(Nippon telephone and telegram Co.) as one example of a public line network, an **input** picture is displayed on a **panel** part 16 and a **user** **inputs** the **name** and the address of the opposite party whose telephone number is to be inquired. Next...

...13, when a command interpreting part 21 executes protocol conversion and ensures a synchronizing state, **input** data is converted into a JIS code by a data interpreting part 22 and transmitted...

28/3,K/11 (Item 11 from file: 347)

DIALOG(R)File 347:JAPIO

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04508923 \*\*Image available\*\*  
OPERATING **PANEL** FOR **FACSIMILE** EQUIPMENT

PUB. NO.: 06-152823 [JP 6152823 A]  
PUBLISHED: May 31, 1994 (19940531)  
INVENTOR(s): YOSHIMURA MASANORI  
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 04-317860 [JP 92317860]  
FILED: November 02, 1992 (19921102)  
JOURNAL: Section: E, Section No. 1599, Vol. 18, No. 467, Pg. 151,  
August 30, 1994 (19940830)

OPERATING **PANEL** FOR **FACSIMILE** EQUIPMENT  
...JAPIO CLASS: **Facsimile** )

ABSTRACT

... prevent the deterioration in the operability due to a floating protection sheet by devising the **panel** such that only the protection sheet can be replaced...  
...address column is printed is placed on a one-touch key 2 of a sheet **type** key. The address column is formed to be written with required items such as a **name** registered by the **user** . A thin and elastic strong (not sheared) transparent member without any notch such as a...

**28/3,K/12** (Item 12 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

02178162 \*\*Image available\*\*  
PICTURE COMMUNICATION EQUIPMENT

PUB. NO.: 62-095062 [JP 62095062 A]  
PUBLISHED: May 01, 1987 (19870501)  
INVENTOR(s): NAKAJIMA TOSHIFUMI  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 60-235867 [JP 85235867]  
FILED: October 22, 1985 (19851022)  
JOURNAL: Section: E, Section No. 545, Vol. 11, No. 304, Pg. 32,  
October 03, 1987 (19871003)

...JAPIO CLASS: **Facsimile** )

ABSTRACT

PURPOSE: To use a pattern except for a character as an abbreviated **name** of a **user** by providing a pattern forming means for forming a prescribed pattern one picture element by...

... a non-volatile memory for storing the formed pattern by respective switches on a control **panel** .

...

...CONSTITUTION: A UPI 12 carries out a detection of a key on the control **panel** and a control display and a UP 19 controls to drive an original or a...

...paper. A CP 111 controls an operation of a recording system and a PP 110 **inputs** and outputs the data of a reading system. By a PP 16, PP 17, the control of an NCU (control unit) is performed. On the control **panel** , keys 23 such as a stop/clear, a start and display keys (LED) 24 indicating...

... or which of the LEDs 24 lights. Thereby, by using the switch on the control **panel** , the user character can be registered one picture element by one picture element.  
?

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Dec  
(c)2004 Info.Sources Inc

? ds

Set	Items	Description
S1	1820	FAX OR FACSIMILE
S2	1078	S1 AND (INTERNET OR NETWORK? OR WWW)
S3	364	DOMAIN(3N)NAME
S4	6	S3 AND DEFAULT
S5	6	S4 AND (INSERT? OR USE OR SEND? OR UTILI? OR ROUT? OR REDIRECT? OR DIRECT? OR TRANSMI? OR RELAY?)
S6	70	(EMAIL OR ELECTRONIC(3N)MAIL) AND ADDRESS?
S7	199	(PERSONAL OR USER OR RECIPIENT)(3N)NAME OR ADDRESSEE
S8	71	S7 AND (ENTER? OR TYPE OR INPUT?)
S9	1933	BUTTONS OR KEYPAD OR (KEY OR NUMBER)()PAD OR NUMBERPAD OR - PANEL
S10	8784	ADDRESS() (BOOK?? OR LIST?) OR STORE OR STORING OR STORES OR MEMORY
S11	0	AU=(TOYODA, K? OR TOYODA K?)
S12	7	S1 AND S3
S13	6	S12 NOT S5
S14	0	S1 AND S6 AND S7
S15	0	S1 AND DEFAULT AND S6

5/3,K/1

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2004 Info.Sources Inc. All rts. reserv.

00146369 DOCUMENT TYPE: Review

**PRODUCT NAMES: URLs (806188)**

**TITLE: Unlocking URLs: Extensions, Shortening Options, and Other Oddities**

**AUTHOR:** Notess, Greg R

**SOURCE:** Online Magazine, v27 n3 p54(3) May/Jun 2003

**ISSN:** 0146-5422

**HOME PAGE:** <http://www.onlineinc.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20030730

...can more efficiently find new locations and locate older information.  
The ability to change the **default directory** index filename can be very useful when a Web site has a major revamping or...

...to a new content management system that uses different file extensions.  
The new version may **use** different file extensions, and if the options available are understood, a hard to find Web...

...especially when a long URL has to be e-mailed. These tools will mask the **domain name** of the site with the information content, but there are also described ways to shorten URLs that will not mask the **domain name** or require the services of a URL **redirection** service. Session IDs, search submissions, and other user information can be used to track information...

**DESCRIPTORS:** Domain Name System; Internet; Libraries

5/3,K/2

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00145637 DOCUMENT TYPE: Review

**PRODUCT NAMES: Power Tools for Exchange (167479)**

**TITLE: Monitor e-mail messages**

**AUTHOR:** Poremsky, Diane

**SOURCE:** .net, v3 n2 p62(1) Feb 2003

**HOME PAGE:** <http://www.thedotnetmag.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Review

**GRADE:** A

**REVISION DATE:** 20030730

...antispam filter and message-content scanner, gets excellent marks overall for ease of setup and **use** based on actions that remain separate from filters and can therefore be easily changed at any time. The **default** filters are set up to delete messages, however, which can mean lost

messages until filters...

...filters based on filenames or extensions. The user also can filter e-mail according to **domain name**, including the domains listed in the received line of the header. The included preconfigured head...

...check inbound and/or outbound mail, which is helpful for ensuring that users do not **send** confidential information or company documents to others. Power Tools provides deletion and quarantine activities and actions for **sending** copies to other mailboxes.

DESCRIPTORS: E-Mail **Utilities**; Exchange; File Security; IBM PC & Compatibles; Internet Content Filters; System Monitoring

**5/3,K/3**

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2004 Info.Sources Inc. All rts. reserv.

00144209 DOCUMENT TYPE: Review

**PRODUCT NAMES:** IP 6 (834092)

**TITLE:** Internet Protocol Version 6: The standard is ready. The vendors...

**AUTHOR:** Anthes, Gary H

**SOURCE:** Computerworld, v37 n3 p33(1) Jan 20, 2003

**ISSN:** 0010-4841

**HOME PAGE:** <http://www.computerworld.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20030430

The topic is the level of **use** of IETF's IPv6 standard. Enterprise IT managers should begin consideration of migration to IP6...

...plug-and-play will be better with IPv6, which also includes IP Security (IPsec) for **sender** authentication and data encryption by **default**, which is an optional extension for IPv4. Among topics briefly covered is the possibility of...

DESCRIPTORS: Communications Protocols; Communications Standards; **Domain Name** System; Internet; ISP (Internet Service Providers); Wireless Internet

**5/3,K/4**

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00123785 DOCUMENT TYPE: Review

**PRODUCT NAMES:** **Dynamic Domain Name System (DDNS)** (842478); **Domain Name System (DNS)** (584037); **Option 81** (842486); **Microsoft Windows 2000** (722367)

**TITLE:** Windows 2000 naming conventions under fire

**AUTHOR:** Fontana, John

**SOURCE:** Network World, v17 n19 p42(1) May 8, 2000

ISSN: 0887-7661  
HOMEPAGE: <http://www.nwfusion.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20011030

**PRODUCT NAMES:** Dynamic Domain Name System (DDNS...  
...842478); Domain Name System (DNS...

...and try to integrate it with servers that control key network resources. The IETF standard **Domain Name System (DNS)** is the central issue, since it is implemented in Windows 2000 with extensions...

...integrated with installed UNIX-based DNS servers. Windows 2000 uses Dynamic DNS (DDNS) as a **default** method for locating domain controllers, and to locate computers and services, but DDNS is not...

...for IT executives to integrate Windows 2000 into current DNS infrastructures. Most enterprise DNS servers **use** public domain code named BIND. An expert says upgrading to BIND 8.2.2 and...

**DESCRIPTORS:** Domain Name System; IBM PC & Compatibles; Network Directories ; Network Servers; Operating Systems; Standards; Windows NT/2000

5/3,K/5  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00112162 DOCUMENT TYPE: Review

**PRODUCT NAMES:** NetWare 5 (699683)

**TITLE:** Novell delivers  
**AUTHOR:** Gaskin, James E  
**SOURCE:** Network World, v15 n36 p1(2) Sep 7, 1998  
**ISSN:** 0887-7661  
**HOMEPAGE:** <http://www.nwfusion.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

REVISION DATE: 20010730

...s NetWare 5 offers several important new features, including IP support, robust memory management, enhanced **directory** services, and a new graphical administration interface. NetWare has been rewritten to **use** pure TCP/IP, which is now the **default** protocol instead of the older proprietary IPX. Previously, IP could be supported only by encapsulating...  
...the transition. Several features have also been added to make IP more usable, such as **Domain Name System (DNS)** and DHCP tools that load automatically and can be controlled through NWAdmin. NetWare...

...management system departs from NetWare 4's approach, and for the first



time, NetWare will **use** a virtual memory scheme to stretch available RAM application space to the server hard disk. Version 5 supports up to four server CPUs at no additional charge. Novell **Directory** Services (NDS) has been enhanced to offer more granular control, and installation has also been...

5/3,K/6

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00085196 DOCUMENT TYPE: Review

PRODUCT NAMES: Eudora Pro 2.1 (508772); Simeon 3 (592251); Z-Mail 4.0 (344061); Microsoft Exchange (514811)

TITLE: Internet Exchanges

AUTHOR: Staff

SOURCE: Windows Sources, v3 n11 p87(4) Nov 1995

ISSN: 1065-9641

HOME PAGE: <http://www.winsources.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20030925

...process information differently. Z-Mail, for example, requires users to enter information like the DNS ( **Domain Name** Server) and IP address, while other systems such as Eudora and Simeon read this QUALCOMM's Eudora and Esys's Simeon read this information **directly** . Microsoft Exchange can also be used as an Internet mail client, although the only services installed in Windows 95 by **default** are Microsoft Network and Microsoft Fax. Clients like Eudora and Z-Mail can retrieve messages...

DESCRIPTORS: E-Mail **Utilities** ; Exchange; IBM PC & Compatibles; Internet **Utilities** ; Windows

?

13/3,K/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00133942 DOCUMENT TYPE: Review

PRODUCT NAMES: SIP (Session Initiation Protocol) (841218); Enum (845116)

TITLE: The ENUM Phenomenon: This IETF protocol could spur convergence but...

AUTHOR: Marsan, Carolyn Duffy

SOURCE: Network World, v18 n39 p60(2) Sep 24, 2001

ISSN: 0887-7661

HOME PAGE: <http://www.nwfusion.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20030330

...promise of providing one point of contact for multiple communications devices, including phones, PCs, and fax machines. Most companies are interested in Enum for IP telephony, says a spokesperson for VeriSign...

DESCRIPTORS: Cell Phones; Domain Name System; Network Directories

13/3,K/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2004 Info.Sources Inc. All rts. reserv.

00132975 DOCUMENT TYPE: Review

PRODUCT NAMES: Enum (845116)

TITLE: ENUM: Phone Numbers Meet the Net

AUTHOR: Shockey, Richard

SOURCE: Communications Convergence, v9 n7 p20(7) Jul 2001

ISSN: 1070-0994

HOME PAGE: <http://www.cconvergence.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20011130

...in 1999. The standard converts and maps telephone numbers to IP addresses, URLs, cellular numbers, fax numbers, and e-mail addresses. This linking of contacts should streamline communications, using established telephone...

DESCRIPTORS: Communications Standards; Domain Name System; Internet; Telephone Directories

13/3,K/3

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00131094 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Enum (845116)

**TITLE:** Enum has your number: Companies test registries that standardize...

**AUTHOR:** Zyskowski, John

**SOURCE:** Federal Computer Week, v15 n15 p36(2) May 21, 2001

**ISSN:** 0893-052X

**HOME PAGE:** <http://www.fcw.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20011130

...able to connect to many IP-ready devices, including telephone, wireless phone, e-mail client, **fax** machine, and wireless handheld computer.

**DESCRIPTORS:** Communications Standards; **Domain Name** System; Telephone Directories; VoIP

13/3,K/4

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00124660 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Optical Networks (842851)

**TITLE:** Data transport dressed up

**AUTHOR:** Rendleman, John

**SOURCE:** eWeek, v17 n29 p25(1) Jul 17, 2000

**ISSN:** 1530-6283

**HOME PAGE:** <http://www.eweek.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20001030

...services, which are deployed on fiber-optic circuits. Everest provides limited e-mail abilities and **domain name** registration, but will add e-mail hosting, IP **fax**, and shared and dedicated Web hosting services, according to company spokespeople. Everest's goal is...

13/3,K/5

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

(c)2004 Info.Sources Inc. All rts. reserv.

00114556 DOCUMENT TYPE: Review

**PRODUCT NAMES:** BS-1200 (712132)

**TITLE:** Hearing Voices Loud and Clear

**AUTHOR:** Schultz, Keith

SOURCE: InternetWeek, v753 p38(2) Feb 22, 1999  
ISSN: 0746-8121  
HOMEPAGE: <http://www.internetwk.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20011130

...voice channels concurrently. It also allows users the choice of deploying three voice and one **fax** channel. The system ships in a 19-inch rackmount chassis, and includes QoS control and...

...of the voice channel is top-notch. Such products allow users to place voice and **fax** calls over an installed IP network, and to optimize use of the Internet or dedicated...

...BS-1200 Internet Voice Gateway is the built-in DNS server. This is not, however, **Domain Name** Service. The BS-1200 can be linked to an external DNS server, but the primary...

13/3,K/6

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00106033 DOCUMENT TYPE: Review

**PRODUCT NAMES: Microsoft BackOffice Small Business Server (671746)**

**TITLE: Small Businesses Get a Server Of Their Own**  
AUTHOR: Chernicoff, David  
SOURCE: Windows Sources, v5 n12 p64(3) Dec 1997  
ISSN: 1065-9641  
HOMEPAGE: <http://www.winsources.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

REVISION DATE: 20010330

...IE) 3.02, Outlook 97, and two new server products, Modem Sharing 1.0 and **Fax** Server 1.0. The last two applications allow SBS clients to share server-linked modems...

...required, including Domain Registration Wizard, which steps the user through tasks required to register a **Domain Name** ; or Internet Connection Wizard, which guides the user through Internet service provider subscription. The **Fax** Server operates similarly to any Windows **fax** product.  
?

File 9:Business & Industry(R) Jul/1994-2004/Jan 27  
     (c) 2004 Resp. DB Svcs.  
 File 15:ABI/Inform(R) 1971-2004/Jan 27  
     (c) 2004 ProQuest Info&Learning  
 File 16:Gale Group PROMT(R) 1990-2004/Jan 26  
     (c) 2004 The Gale Group  
 File 20:Dialog Global Reporter 1997-2004/Jan 28  
     (c) 2004 The Dialog Corp.  
 File 47:Gale Group Magazine DB(TM) 1959-2004/Jan 27  
     (c) 2004 The Gale group  
 File 75:TGG Management Contents(R) 86-2004/Jan W3  
     (c) 2004 The Gale Group  
 File 80:TGG Aerospace/Def.Mkts(R) 1986-2004/Jan 26  
     (c) 2004 The Gale Group  
 File 88:Gale Group Business A.R.T.S. 1976-2004/Jan 28  
     (c) 2004 The Gale Group  
 File 98:General Sci Abs/Full-Text 1984-2004/Dec  
     (c) 2004 The HW Wilson Co.  
 File 112:UBM Industry News 1998-2004/Jan 27  
     (c) 2004 United Business Media  
 File 141:Readers Guide 1983-2004/Dec  
     (c) 2004 The HW Wilson Co  
 File 148:Gale Group Trade & Industry DB 1976-2004/Jan 28  
     (c)2004 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
     (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2004/Jan 27  
     (c) 2004 The Gale Group  
 File 264:DIALOG Defense Newsletters 1989-2004/Jan 15  
     (c) 2004 The Dialog Corp.  
 File 484:Periodical Abs Plustext 1986-2004/Jan W3  
     (c) 2004 ProQuest  
 File 553:Wilson Bus. Abs. FullText 1982-2004/Dec  
     (c) 2004 The HW Wilson Co  
 File 570:Gale Group MARS(R) 1984-2004/Jan 26  
     (c) 2004 The Gale Group  
 File 608:KR/T Bus.News. 1992-2004/Jan 28  
     (c)2004 Knight Ridder/Tribune Bus News  
 File 620:EIU:Viewswire 2004/Jan 27  
     (c) 2004 Economist Intelligence Unit  
 File 613:PR Newswire 1999-2004/Jan 27  
     (c) 2004 PR Newswire Association Inc  
 File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jan 26  
     (c) 2004 The Gale Group  
 File 623:Business Week 1985-2004/Jan 27  
     (c) 2004 The McGraw-Hill Companies Inc  
 File 624:McGraw-Hill Publications 1985-2004/Jan 27  
     (c) 2004 McGraw-Hill Co. Inc  
 File 634:San Jose Mercury Jun 1985-2004/Jan 27  
     (c) 2004 San Jose Mercury News  
 File 635:Business Dateline(R) 1985-2004/Jan 27  
     (c) 2004 ProQuest Info&Learning  
 File 636:Gale Group Newsletter DB(TM) 1987-2004/Jan 26  
     (c) 2004 The Gale Group  
 File 647:CMP Computer Fulltext 1988-2004/Jan W3  
     (c) 2004 CMP Media, LLC  
 File 696:DIALOG Telecom. Newsletters 1995-2004/Jan 15  
     (c) 2004 The Dialog Corp.  
 File 674:Computer News Fulltext 1989-2004/Jan W4  
     (c) 2004 IDG Communications  
 File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
? ds

Set	Items	Description
S1	2792899	FAX OR FACSIMILE
S2	368849	S1(5N) (INTERNET OR NETWORK? OR WWW)
S3	77250	DOMAIN(3N)NAME
S4	119	S3(5N)DEFAULT
S5	30	S4(7N) (INSERT? OR USE OR SEND? OR UTILI? OR ROUT? OR REDIR- ECT? OR DIRECT? OR TRANSMI? OR RELAY?)
S6	58325	(EMAIL OR ELECTRONIC(3N)MAIL) (3N)ADDRESS?
S7	53411	(PERSONAL OR USER OR RECIPIENT) (3N)NAME OR ADDRESSEE
S8	6404	S7(5N) (ENTER? OR TYPE OR INPUT?)
S9	1721114	BUTTONS OR KEYPAD OR (KEY OR NUMBER) () PAD OR NUMBERPAD OR - PANEL
S10	6758748	ADDRESS() (BOOK?? OR LIST?) OR STORE OR STORING OR STORES OR MEMORY
S11	34	AU=(TOYODA, K? OR TOYODA K?)
S12	0	S2(S)S3(S)S8
S13	677229	(INTERNET() PROTOCOL OR IP OR INTERNET) () ADDRESS? OR URL OR (UNIVERSAL OR UNIFORM) (W) RESOURCE (W) LOCATOR?
S14	7414	S2(S) (S3 OR S13)
S15	1	S14(S)S8
S16	3174	S2(10N)S10
S17	15	S16(S)S6
S18	0	S17(S)S7
S19	0	S17(S)S9
S20	15	S17 NOT S15
S21	10	RD S20 (unique items)
S22	0	S1(S)S11
S23	4	S1 AND S11
S24	3	RD S23 (unique items)
S25	6	S1(S)S8(S)S9
S26	0	S25(S)S3
S27	6	S25 NOT (S17 OR S15 OR S23)
S28	3	RD S27 (unique items)
S29	0	S1(S)S5

15/3,K/1 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04901758 Supplier Number: 68502051 (USE FORMAT 7 FOR FULLTEXT)  
**FOUNDATION GRANTS INDEX (CD-ROM - Foundation Center).(Industry Trend or  
Event)**

Online Newsletter, pITEM0036300D

Jan, 2001

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 259

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...engine offer quick access options to 12 different search fields:  
geographic focus, grant amount, grantmaker **name** , grantmaker state,  
**recipient** city, recipient **name** , **recipient** state, **recipient type** ,  
subjects, text search, types of support, and year authorized. Each grant  
record includes: current data...Fifth Avenue, New York, NY 10003-3076.  
Telephone: (800) 424-9836 or (212) 807-3690. **Fax** : (212) 807-3691. **URL** :  
[http:// www .fdncenter.org](http://www.fdncenter.org)  
?

21/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

09251025 Supplier Number: 80534325 (USE FORMAT 7 FOR FULLTEXT)  
**Music & sound products: suppliers of: amplifiers, band & orchestral products; cases; DJ products; fretted instruments; percussion products; recording equipment; sound reinforcement equipment; synthesizers & related MIDI and electronic music products; karaoke hardware; general accessories, also, music distributors.**  
Music Trades, v149, n10, pS45(240)  
Nov, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 123078

... the most convenient stand on the market because they fold and unfold in seconds. They **store** neatly, when not in use, in the bell of any Bb or C trumpet or...full product catalog.  
GEMEINHARDT CO., INC.--57882 S.R. 19 South, Elkhart, Indiana 46517.  
Mailing **address** : P.O.Box 788, Elkhart, Indiana 465 ! 5. Telephone: (219) 2955280. Toll-free telephone: 800...

21/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

07911216 Supplier Number: 66149197 (USE FORMAT 7 FOR FULLTEXT)  
**Soundpipe Announces Strategic Partnership With Samsung Electronics Co., Ltd. to License Voice Internet Technology for the Samsung Internet Appliance Product Portfolio.**  
Business Wire, p2297  
Oct 17, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 625

... its Internet Voice/Fax Station (IVS), Soundpipe voice Internet servers, and S-Pipe technology. The **Internet0** Voice/ **Fax** Station operates like an answering machine, capable of receiving and **storing** voice and fax messages, providing alerts for incoming email messages and interacting with the Soundpipe...

...provide automatic message synchronization capabilities. The unified messaging service works with existing phone numbers and **email addresses** and maximizes the services ILECs, CLECs and ISPs can provide over a single line. A...

21/3,K/3 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

23733053 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Design: Wayne's world**  
**Wayne Hemingway** has scoured the country (and beyond) to choose his top 20 recent designs. 'They are mostly things that I find useful, above aesthetically pleasing,' he says. Find out what he came up with overleaf  
... Portrait by Justin Westover



Wayne Hemingway

INDEPENDENT

July 06, 2002

JOURNAL CODE: FIND LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1273

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... without carrying too much. If you're the sort of woman who wants her phone, **address book**, diary, **fax**, **email** and **internet** access in one pocket, you've got it.

Price: pounds 449 without connection or pounds...

**21/3,K/4 (Item 2 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

06628071 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**GetMessage.com, World's Premier Unified Messaging Service, Goes Live**

PR NEWSWIRE

August 10, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 681

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... following: \* Free voicemail through an internet browser or toll-free telephone interface; \* Free incoming and **fax** forwarding service via the **internet**; and \* Free **email** with **address book** and other distribution features.

"In an era when convergence is commonplace, GetMessage.com is poised ...

**21/3,K/5 (Item 3 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

03195275 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**The future's so... light: Your office in your pocket, that's the way things are going**

JOHN KENNEDY

BUSINESS AND FINANCE

October 01, 1998

JOURNAL CODE: FBFN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 815

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... years now, can be regarded as one of the forerunners of this trend, possessing phone, **fax**, **Internet** connection, **email**, SMS, personal **address book** and diary. The only drawback for the product was its weight, guaranteed to ruin the...

**21/3,K/6 (Item 1 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

03796526 Supplier Number: 48229659 (USE FORMAT 7 FOR FULLTEXT)  
**SAMSUNG: New Samsung products put the office in the palm of your hand**  
M2 Presswire, pN/A  
Jan 16, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 115

... computer  
-- Winner of Innovations '98 award  
-- All-in-one communications device:  
\* Data transmission \* Word processing \* **Fax** \* Short messaging \* E-  
**mail** \* **Internet** access \* **Electronic** calendar, **address book** ,  
notepad, calculator, personal organiser  
-- SCS-100/200 expected to be available by mid 1998  
CONTACT...

**21/3,K/7 (Item 2 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02655437 Supplier Number: 45378788 (USE FORMAT 7 FOR FULLTEXT)  
**32 bit fax server for Windows NT plus Fax software for Windows 95**  
M2 Presswire, pN/A  
March 3, 1995  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 601

... user interface and integration with electronic mail. Although  
Zetafax has its own private and network **address books** , MAPI **email**  
**address books** may be used instead. This simplifies **network**  
administration and unifies email and **fax** user interfaces.  
The product has an API which allows it to be interfaced to databases  
...

**21/3,K/8 (Item 1 from file: 696)**  
DIALOG(R)File 696:DIALOG Telecom. Newsletters  
(c) 2004 The Dialog Corp. All rts. reserv.

00527650  
**Companies to link GSM and data**

DIGITAL CELLULAR REPORT  
March 26, 1997 VOL: 3 ISSUE: 6 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: PHILLIPS BUSINESS INFORMATION  
LANGUAGE: ENGLISH WORD COUNT: 904 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:  
...Applications include phone, **fax** , **address book** , **email** , **Internet**  
and...

**21/3,K/9 (Item 1 from file: 810)**  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0772179 BW0230

S & P: S&PTELECONF: 11/14@10am-Natl Rural Util Coop Fin Corp

November 12, 1997

Byline: Business Editors

...about  
this topic. You may also fax questions in advance or email them via  
the Internet ( fax number and email address listed below.)

Replay Numbers: Recorded replays of the call are made available  
about an hour after...

21/3,K/10 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1184573

NYW153

S&P Teleconference 11 14 at 10 a.m. -- National Rural Utilities Cooperative  
Finance Corp.

DATE: November 12, 1997

13:52 EST

WORD COUNT: 373

... about this topic. You may also fax questions in advance or email them  
via the Internet ( fax number and email address listed below.)

Replay Numbers: Recorded replays of the call are made available about  
an hour after...

?

24/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

07014389 Supplier Number: 58617796 (USE FORMAT 7 FOR FULLTEXT)  
**PNR for paper roller application.**  
Hashimoto, Kinro; **Toyoda, Keiji** ; Wada, Yoshi; Peachey, Mark; Yao,  
Terutaka  
Rubber World, v221, n3, p29  
Dec, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2755

(USE FORMAT 7 FOR FULLTEXT)  
Hashimoto, Kinro; **Toyoda, Keiji** ; Wada, Yoshi; Peachey, Mark; Yao,  
Terutaka  
TEXT:  
...automation equipment has made possible remarkable performance  
advancements in plain paper copiers, laser printers and **facsimile**  
machines. Improved properties of print imaging, speed and maintenance-free  
operation are especially required in...

24/3,K/2 (Item 1 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2004 The Gale Group. All rts. reserv.

06041572 SUPPLIER NUMBER: 82461840  
**Internet Facsimile as an Internet Office Appliance. (Internet appliances)**  
**Toyoda, Kiyoshi** ; Tamoto, Shiro; Crocker, David H  
IEEE Communications Magazine, 39, 10, 60  
Oct, 2001  
ISSN: 0163-6804 LANGUAGE: English RECORD TYPE: Abstract

**Internet Facsimile as an Internet Office Appliance. (Internet appliances)**  
**Toyoda, Kiyoshi ...**

24/3,K/3 (Item 1 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2004 ProQuest. All rts. reserv.

04739426 SUPPLIER NUMBER: 52981537 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Near infrared spectroscopy for biomonitoring: Cow milk composition**  
**measurement in a special region from 1,100 to 2,400 nanometers**  
Tsenkova, R; Atanassova, S; Itoh, K; Ozaki, Y; **Toyoda, K**  
Journal of Animal Science (IJAS), v78 n3, p515-522, p.8  
Mar 2000  
ISSN: 0021-8812 JOURNAL CODE: IJAS  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3512

**... Toyoda, K**

TEXT:  
... of Chemistry, Kwansei Gakuin University, Nishinomiya 662, Japan  
2To whom correspondence should be addressed (phone/ fax :  
+8178-803-5911; E-mail: rtsen@eng.ans.kobe-u.ac.jp).

28/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

07121293 Supplier Number: 60301836 (USE FORMAT 7 FOR FULLTEXT)  
**Sending E-Mail Via Fax.(Software Review) (Evaluation)**  
Stone, M. David  
PC Magazine, p52  
April 18, 2000  
Language: English Record Type: Fulltext  
Article Type: Evaluation  
Document Type: Magazine/Journal; General Trade  
Word Count: 411

... and isdn.  
Once the unit is installed, sending e-mail is similar to sending a fax . The 8100C offers both a 25-page automatic document feeder and a letter- size flatbed for pages that won't make it through the sheet feeder. The top control **panel** has an added mini-keyboard in qwerty format. To send an e-mail, **type** your **user name** and a subject line, **enter** one or more e- mail addresses, and hit the send button. Users can also set...

28/3,K/2 (Item 1 from file: 608)  
DIALOG(R)File 608:KR/T Bus.News.  
(c)2004 Knight Ridder/Tribune Bus News. All rts. reserv.

06646745 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**The State, Columbia, S.C., First Bytes Column**  
Charlie Paschal  
State, Columbia, S.C  
March 15, 1999  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 1056

...TEXT: com. In order to get into the classroom to download my lessons, I have a **user name** and password I must **input** . The site gives me the option of writing that information into a cookie on my...

...Make a startup disk in Windows 95. To do that, go to Start, Settings, Control **Panel** and Add/Remove Software. Click on Startup Disk. Once that disk is made, go to...questions? Send them to Charlie Paschal at P.O. Box 1333, Columbia, SC 29202. Or **fax** them to 771-8430. His e-mail address is cpaschal@netside.com.

-----  
Visit CyberState, the...

28/3,K/3 (Item 2 from file: 608)  
DIALOG(R)File 608:KR/T Bus.News.  
(c)2004 Knight Ridder/Tribune Bus News. All rts. reserv.

06631343 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**San Jose Mercury News, Calif., Technology Testdrive Column**  
Mike Langberg  
San Jose (Calif.) Mercury News  
January 31, 1999  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 1372

...TEXT: entered my work address and phone instead.  
The sign-on box for NetZero, where you **enter** your **user name** and password, prompts you to select a local-access phone number from a list that...

...on the screen. I put the window in the upper right corner, covering some browser **buttons** I don't regularly use, and didn't find it bothersome. There's even an...Mike Langberg at 750 Ridder Park Drive, San Jose, Calif. 95190; call (408) 920-5084; **fax** (408) 920-5917; or e-mail to mike(at)langberg.com.

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Visit Mercury Center, the...  
?

File 344:Chinese Patents Abs Aug 1985-2003/Nov  
(c) 2003 European Patent Office  
File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)  
(c) 2004 JPO & JAPIO  
File 348:EUROPEAN PATENTS 1978-2004/Jan W04  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20040122,UT=20040115  
(c) 2004 WIPO/Univentio  
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200406  
(c) 2004 Thomson Derwent  
? ds

Set	Items	Description
S1	2832	AU=(TOYODA, K? OR TOYODA K?)
S2	132	S1 AND FACSIMILE
S3	38	S2(5N)INTERNET
S4	2	S3(10N)DEFAULT

4/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01253911

**Internet facsimile apparatus and address input method**  
**Internetfaksimilegerat und Adresseingabeverfahren**  
**Dispositif de telecopie internet et procede d'entree d'adresse**

PATENT ASSIGNEE:

MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., (443933), 3-8,  
Shimomeguro 2-chome,, Meguro-ku Tokyo 153-8687, (JP), (Applicant  
designated States: all)

INVENTOR:

Toyoda Kiyoshi, 1-10-31, Kita, Kunitachi-shi, Tokyo 186-0001, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1083732 A2 010314 (Basic)

EP 1083732 A3 020123

APPLICATION (CC, No, Date): EP 2000103970 000225;

PRIORITY (CC, No, Date): JP 99243064 990830

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-001/00; H04L-012/18; H04L-012/58

ABSTRACT EP 1083732 A2

This Internet facsimile apparatus comprises a panel with a plurality of buttons, memory to store a default domain name, panel input control section that if a user name is input from said panel, adds said default domain name to said user name to create a mail address and mail transmission processing section that transmits e-mail directed to said mail address.

ABSTRACT WORD COUNT: 61

NOTE:

Figure number on first page: 6

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010314 A2 Published application without search report

Change: 020123 A2 International Patent Classification changed:  
20011130

Search Report: 020123 A3 Separate publication of the search report

Examination: 020529 A2 Date of request for examination: 20020320

Assignee: 031112 A2 Transfer of rights to new applicant: Panasonic  
Communications Co., Ltd. (4451320) 4-1-62,  
Minoshima, Hakata-ku Fukuoka-shi, Fukuoka  
812-8531 JP

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200111	825
SPEC A	(English)	200111	3663
Total word count - document A			4488
Total word count - document B			0
Total word count - documents A + B			4488

...CLAIMS to claim 1 to claim 7, further comprises a registration section(607) to register a **default** domain name in said memory(13).

9. The **Internet facsimile** apparatus according to claim 8, wherein said memory(13) stores the status of a domain...

4/5,K/2 (Item 1 from file: 350)



DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

013926411      \*\*Image available\*\*  
WPI Acc No: 2001-410624/200144  
XRPX Acc No: N01-303768

Internet facsimile apparatus transmitting data via a computer network  
automatically adds default domain name to entered user name making  
address entry more reliable

Patent Assignee: MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS (MATY )

Inventor: TOYODA K

Number of Countries: 027 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1083732	A2	20010314	EP 2000103970	A	20000225	200144 B
CA 2300512	A1	20010228	CA 2300512	A	20000307	200144
JP 2001067286	A	20010316	JP 99243064	A	19990830	200144
JP 3174774	B2	20010611	JP 99243064	A	19990830	200144
JP 2001243162	A	20010907	JP 99243064	A	19990830	200166
			JP 2000397133	A	19990830	

Priority Applications (No Type Date): JP 99243064 A 19990830; JP 2000397133  
A 19990830

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1083732	A2 E	15	H04N-001/00	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT				
LI LT LU LV MC MK NL PT RO SE SI				
CA 2300512	A1 E		H04N-001/32	
JP 2001067286	A	9	G06F-013/00	
JP 3174774	B2	9	H04N-001/00	Previous Publ. patent JP 2001067286
JP 2001243162	A	9	G06F-013/00	Div ex application JP 99243064

Abstract (Basic): EP 1083732 A2

NOVELTY - The facsimile apparatus has a panel (8) with several buttons. A memory stores default domain names and a controller generates mail address with the default domain name added to the user name when a user name is input from the panel through button operations. A mail section transmits e-mail directed to the mail address.

DETAILED DESCRIPTION - The data input from the panel through button operation contains no ', the controller decides that the input data is a user name. If the data input contains an ' the controller creates no mail address and inputs the input data to the mail section as a mail address. INDEPENDENT CLAIMS are included for a mail address creating method.

USE - For automatically inputting an e-mail address of a destination to an Internet facsimile apparatus.

ADVANTAGE - Simple and reliable input of E-mail address.  
Automatically adds domain name to input user name to create reliable mail address.

DESCRIPTION OF DRAWING(S) - The figure shows functions of a panel control section of the IFAX.

pp; 15 DwgNo 6/8

Title Terms: FACSIMILE; APPARATUS; TRANSMIT; DATA; COMPUTER; NETWORK;  
AUTOMATIC; ADD; DEFAULT; DOMAIN; NAME; ENTER; USER; NAME; ADDRESS; ENTER;  
MORE; RELIABILITY

Derwent Class: T01; W01; W02

International Patent Class (Main): G06F-013/00; H04N-001/00; H04N-001/32

International Patent Class (Additional): H04L-012/54; H04L-012/58;

H04M-011/00

File Segment: EPI

Internet facsimile apparatus transmitting data via a computer network  
automatically adds default domain name to entered user name making  
address entry more reliable

?



# RFC 2304 (RFC2304)

Internet RFC/STD/FYI/BCP Archives

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**Alternate Formats:** [rfc2304.txt](#) | [rfc2304.txt.pdf](#)

[Comment on RFC 2304](#)

## RFC 2304 - Minimal FAX address format in Internet Mail

---

Network Working Group  
Request for Comments: 2304  
Category: Standards Track

C. Allocchio  
GARR-Italy  
March 1998

Minimal FAX address format in Internet Mail

### Status of this Memo

This document specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "Internet Official Protocol Standards" (STD 1) for the standardization state and status of this protocol. Distribution of this memo is unlimited.

### Copyright Notice

Copyright (C) The Internet Society (1998). All Rights Reserved.

### IESG NOTE

This memo describes a simple method of encoding PSTN addresses of facsimile devices in the local-part of Internet email addresses.

As with all Internet mail addresses, the left-hand-side (local-part) of an address generated according to this specification, is not to be interpreted except by the MTA that is named on the right-hand-side (domain).

### 1. Introduction

Since the very first e-mail to fax gateway objects appeared, a number of different methods to specify a fax address as an e-mail address have been used by implementors. Two major objectives for this were

- enable an e-mail user to send faxes from his/her e-mail interface;
- enable some kind of "fax over e-mail service" transport, to reduce the costs of fax transmissions, and use the existing e-mail infrastructure.

This memo describes the MINIMAL addressing method and standard

extensions to encode FAX addresses in e-mail addresses, as required in reference [13]. The opposite problem, i.e. to allow a traditional numeric-only fax device user to access the e-mail transport service, is not discussed here.

All implementations supporting this FAX over e-mail address format MUST support as a minimum the specification described in this document. The generic complex case of converting the whole PSTN addressing in e-mail is out of scope in this minimal specification: there is some work in progress in the field, where also a number of standard optional extensions are being defined.

In this document the formal definitions are described using ABNF syntax, as defined into [7]. We will also use some of the "CORE DEFINITIONS" defined in "APPENDIX A - CORE" of that document. The exact meaning of the capitalised words

"MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", "OPTIONAL"

is defined in reference [6].

## 2. Minimal Fax address

The "service-selector" defined in section 2 of reference [13] for the fax service is:

service-selector = "FAX"

The minimal addressing for the fax service also requires support for a "qualif-type1" element (see section 2 of reference [13]). This element is an OPTIONAL element of the fax address, but its support, when present, is REQUIRED:

qualif-type1 = "/" t33-sep "=" sub-addr

where

t33-sep = "T33S"

sub-addr = 1\*( DIGIT )

Thus, the minimal specification of a fax in e-mail address is:

fax-address = fax-mbox [ "/"T33S=" sub-addr ]

fax-mbox = "FAX=" global-phone

Note:

See section 4.1 in case multiple sub-addr per fax-mbox need to be specified.

The Minimal supported syntax for global-phone (as described in section reference [13]) is:

global-phone = "+" 1\*( DIGIT , written-sep )

written-sep = ( "-" / "." )

The use of other dialling schemas for PSTN numbers (like private numbering plans or local dialling conventions) is also allowed. However, this does not preclude nor remove the minimal compulsory requirement to support the "global-phone" syntax as defined above.

Any non "global-phone" dialling schema MUST NOT use the leading "+"

between the "=" sign and the dialling string. The "+" sign is strictly reserved for the standard "global-phone" syntax.

Note:

The specification of these different dialling schemas is out of scope for this minimal specification.

User specification of PSTN e-mail addresses will be facilitated if they can insert these separators between dial elements like digits etc. For this reason we allow them in the syntax the written-sep element.

Implementors' note:

Use of the written-sep elements is allowed, but not recommended. Any occurrences of written-sep elements in a pstn-mbox MUST be ignored by all conformant implementations. User Agents SHOULD remove written-sep elements before submitting messages to the Message Transport System.

## 2.2 Some examples of a minimal "fax-address"

FAX=+3940226338

FAX=+12027653000/T33S=1387

FAX=+33-1-88335215

## 3. The e-mail address of the I-fax device: mta-I-fax

An "I-fax device" has an e-mail address, or to be more exact, a name which enables a mail system to identify it on the e-mail global system.

In Internet mail, this is the Right Hand Side (RHS) part of the address, i.e. the part on the right of the "@" sign. We will call this mta-I-fax

mta-I-fax = domain

For "domain" strings used in SMTP transmissions, the string MUST conform to the requirements of that standard's specifications [1], [3]. For "domain" strings used in message content headers, the string MUST conform to the requirements of the relevant standards [2], [3].

Note: in both cases, the standards permit use of "domain names" or "domain literals" in addresses.

## 4. The fax-email

The complete structure used to transfer a minimal FAX address over the Internet e-mail transport system is called "fax-email". This object is an e-mail address which conforms to RFC822 [2] and RFC1123 [3] "addr-spec" syntax, with some extra structure which allows the FAX number to be identified.

fax-email = ["/"] fax-address ["/"] "@" mta-I-fax

Implementors' note:

The optional "/" characters can result from other mail transport services gateways, where it is also an optional element. Implementations MUST accept the optional slashes but SHOULD NOT generate them. Gateways are allowed to strip them off when converting to Internet mail addressing.

It is essential to remind that "fax-address" element MUST strictly follow the "quoting rules" specified in the relevant standards [2], [3]

#### 4.1 Multiple subaddresses

In case a particular service requires multiple T.33 subaddresses, and these subaddresses need to be given on the same "fax-mbox", multiple "fax-email" elements will be used.

Implementors' note:

The UA could accept multiple subaddress elements for the same global-phone, but it must generate multiple "fax-mbox" elements when passing the message to the MTA.

#### 4.2 Some examples of minimal "fax-email"

FAX=+3940226338@faxworld.org

FAX=+12027653000/T33S=1387@faxworld.org

/FAX=+33-1-88335215/@faxworld.org

#### 5. Conclusion

This proposal creates a minimal standard encoding for FAX addresses within the global e-mail transport system. The proposal requires no changes to existing e-mail software.

#### 6. Security Considerations

This document specifies a means by which FAX addresses can be encoded into e-mail addresses. As routing of e-mail messages is determined by Domain Name System (DNS) information, a successful attack on this service could force the mail path via some particular gateway or message transfer agent where mail security can be affected by compromised software.

There are several means by which an attacker might be able to deliver incorrect mail routing information to a client. These include: (a) compromise of a DNS server, (b) generating a counterfeit response to a client's DNS query, (c) returning incorrect "additional information" in response to an unrelated query. Clients SHOULD ensure that mail routing is based only on authoritative answers. Once DNS Security mechanisms [5] become more widely deployed, clients SHOULD employ those mechanisms to verify the authenticity and integrity of mail routing records.

#### 7. Author's Address

Claudio Allocchio  
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S=Allocchio;G=Claudio;

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Fax: +39 40 3758565

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### Comment on RFC 2304

Previous: RFC 2303 - Minimal PSTN  
address format in Internet Mail

Next: RFC 2305 - A Simple Mode of  
Facsimile Using Internet Mail

---

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? ds

Set	Items	Description
S1	60131	FAX OR FACSIMILE
S2	15052	S1 AND (INTERNET OR NETWORK? OR WWW)
S3	2299	DOMAIN(3N)NAME
S4	16	S3 AND DEFAULT
S5	10	S4 AND (INSERT? OR USE OR SEND? OR UTILI? OR ROUT? OR REDIRECT? OR DIRECT? OR TRANSMI? OR RELAY?)
S6	4044	(EMAIL OR ELECTRONIC(3N)MAIL) AND ADDRESS?
S7	1879	(PERSONAL OR USER OR RECIPIENT)(3N)NAME OR ADDRESSEE
S8	316	S7 AND (ENTER? OR TYPE OR INPUT?)
S9	255046	BUTTONS OR KEYPAD OR (KEY OR NUMBER)()PAD OR NUMBERPAD OR - PANEL
S10	1013926	ADDRESS() (BOOK?? OR LIST?) OR STORE OR STORING OR STORES OR MEMORY
S11	3804	AU=(TOYODA, K? OR TOYODA K?)
S12	6	S2 AND S3
S13	6	RD S12 (unique items)
S14	0	S1 AND S4
S15	6	S8 AND S1
S16	6	S15 NOT S12
S17	6	RD S16 (unique items)
S18	3803	S1 AND S10
S19	41	S18 AND (S6 OR S3)
S20	41	S19 NOT (S12 OR S15)
S21	41	RD S20 (unique items)

S22	4	S21 AND PY=2000:2004
S23	37	S21 NOT S22
S24	1118	S2 AND S10
S25	0	S24 AND S3
S26	10	S1 AND S11
S27	10	S26 NOT (S21 OR S12 OR S15)
S28	3	RD S27 (unique items)
S29	0	S1 AND S8 AND S3
S30	6	S1 AND S8
S31	0	S30 NOT (S26 OR S21 OR S12 OR S15)

13/3,K/1 (Item 1 from file: 95)

DIALOG(R)File 95:TEME-Technology & Management  
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01795156 20031000172

**Tuersteher fuer Netzwerk. Intranator von Intra2net**

Wagner, O

LANline, v34, nSpezial V: Das sichere Netz, pp20,22, 2003

Document type: journal article Language: German

Record type: Abstract

ISSN: 0942-4172

ABSTRACT:

...einmal den Intranator und hat danach keinen unmittelbaren Zugriff mehr. Der Intranator fungiert dann als ' **internet** access server', e-mail server, 'VPN gateway', 'remote access gateway' und 'DHCP server'. Beim Konfigurieren legt man IP-Adresse, ' **domain name** ' u. ae. fest. Legt Benutzer und Rechner im Netz an und weist individuelle Zugriffsrechte zu...

...einem Dienst fuer dynamisches DNS hinterlegen. Beispielsweise ein berechtigter Aussendienstmitarbeiter kann so via Mobiltelefon und **Internet** und Intranator auf gespeicherte Daten zugreifen. E-mails werden wahlweise in Sammelkonten oder Einzelkonten oder...

...Der eingebaute Virenschanner von F-Prot wird kostenlos 12 Monate lang aktualisiert. Intranator bietet auch **Fax** -Versand. An die Version 2.500 koennen bis zu 150 Arbeitsplaetze angeschlossen werden. Der Preis...

...DESCRIPTORS: COMPUTER **NETWORK** ; VIRUS ANNIHILATION PROGRAM

IDENTIFIERS: **Internet** -Zugang; Datensicherheit

13/3,K/2 (Item 2 from file: 95)

DIALOG(R)File 95:TEME-Technology & Management  
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01145431 T97106135124

**Internet , una herramienta al servicio de la industria textil y de la confeccion. (I: Introduccion)**

( **Internet** ein Service-Werkzeug fuer die Textil- und Bekleidungsindustrie. (Teile I: Einleitung))

Gallissa, EC

Univ. Politecnica de Catalunya, Barcelona, E

Tecnica Textil Internacional, v41, n5, pp35-38, 1997

Document type: journal article Language: Spanish

Record type: Abstract

ISSN: 0040-1900

**Internet , una herramienta al servicio de la industria textil y de la confeccion. (I: Introduccion)**

( **Internet** ein Service-Werkzeug fuer die Textil- und Bekleidungsindustrie. (Teile I: Einleitung))

ABSTRACT:

...Mio. Computer vernetzt sind. Ueber 45000 verbundene Netze koennen 40 Mio. Teilnehmer erreicht werden. Das **Internet** hat keinen Besitzer und wird von niemandem gesteuert. Die **Internet** Society (ISOC) ist eine Organisation, die sich um die Entwicklung von Standards im Netz kuummert. Bei Betriebsstoerungen greift die IEFT ( **Internet** Engineering Task Force) ein. Die ISOC wird zu 80 % von den grossen Computer- und Softwareherstellern finanziert. Der 'Verkehr' im **Internet** wird durch

Protokolle und Identifikationen geregelt. Das TCP (Transmission Control Protocol) besteht maximal aus 1500 Bytes. Fuer die Registrierung im Netz wird ein Domainname DNS ( **Domain Name Server**) benoetigt. Die Vergabe dieser Namen wird ueberwacht, damit es zu keinen Dopplungen kommen kann...

...CSIC (Consejo Superior de Investigaciones Cientificas) ueberwacht. Jede Organisation kann sich ueber eine Telefonleitung ins **Internet** einloggen. Dies kann ueber ein Bulletin Board System (BBS) oder ein **Internet** -Protokoll (IP) erfolgen. Ein weiteres nuetzliches Werkzeug des Internets ist die elektronische Post (E-Mail...

...bei der Uebermittlung keine Sicherheit gegen unbefugtes Lesen. Die Uebertragungsgeschwindigkeiten sind wesentlich hoeher als beim **Fax** und die Kosten sind niedriger. Auch die Verbreitung von Nachrichten ist problemlos moeglich, da sie...

DESCRIPTORS: DATA TELEPROCESSING; DATA TRANSMISSION; DATA **NETWORKS** ;  
COMMUNICATION

IDENTIFIERS: **Internet**

13/3,K/3 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00608318 00NC08-201

**Microsoft SBS 2000: a virtual small office in one package**

Rigney, Steve

Network Computing , August 21, 2000 , v11 n16 p22-24, 2 Page(s)

ISSN: 1046-4468

Company Name: Microsoft

URL: <http://www.microsoft.com>

Product Name: Microsoft Small Business Server 2000

... with room to grow. Showcases its Exchange 2000, Windows 2000 Server, Outlook 2000, SQL 2000, **Internet** Security and Acceleration Server (IAS), Shared Modem Service, Shared **Fax** Service, Health Monitor, common installation routine, centralized monitoring and management of services and users, easy-to-deploy client access tool, **Network** Address Translation (NAT) support, Microsoft Terminal Services for remote application control, and an **Internet** Connection Wizard that configures Dynamic Host Configuration Protocol (DHCP) and **Domain Name Server** (DNS) automatically. Mentions, however, that it does not scale past 50 users or connect to an enterprise wide area **network** (WAN). Concludes that its price makes it a great bargain. Includes two screen displays and...

13/3,K/4 (Item 2 from file: 233)  
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00543157 99CK08-001

**Don't just cruise it, use it! -- 50 ways to maximize online productivity and minimize connectivity pain**

Pataki, Laszlo

Portable Computing , August 1, 1999 , v3 n7 p44-51, 6 Page(s)

ISSN: 1096-1968

Presents 50 ways to gain more from the **Internet** . Points out that if a user's online time consists of e-mail and Web browsing through a handful of popular sites, they could be missing some of the **Internet** 's most

interesting tools. Reports that there are electronic conversations, virtual offices, communication applications, and...

...under the sun. Offers 50 tips to help learn how to take control of the **Internet**. Topics include: ``Maximizing Usenet'', covering Usenet newsgroups, FAQs, and terms; ``Carefree Communications'' which covers ways to forward e-mail, registering a personal **domain name**, and online **fax** and voice messaging services; ``The Art of Error Management,'' which discusses how to handle different...

Descriptors: Online Information; **Internet**; Web Sites; Electronic Mail; Computer Instruction; Troubleshooting; Newsgroups

13/3,K/5 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00531797 99PI04-012

**WindDance Breeze Network Server**

Alwang, Greg

PC Magazine, April 6, 1999, v18 n7 p77, 1 Page(s)

ISSN: 0888-8507

Company Name: WindDance **Networks**

Product Name: WindDance Breeze **Network Server**

**WindDance Breeze Network Server**

Company Name: WindDance **Networks**

Product Name: WindDance Breeze **Network Server**

Presents a favorable review of the WindDance Breeze **Network Server**, a microserver (\$3,300) from WindDance **Networks** Corp. (613). Says it targets primarily small businesses that need **networking** capabilities such as printing, faxing, and Web server features. Reports it is designed to support...

... including getting the modem to disconnect consistently and difficulties with e-mail after changing the **domain name** during configuration. Concludes that the Breeze provides critical LAN and Web server features in a...

Descriptors: Server; Small Business; **Fax**; Web Server; Modem; Electronic Mail

Identifiers: WindDance Breeze **Network Server**; WindDance **Networks**

13/3,K/6 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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06419721

E-MAIL MESSAGING IN S'PORE

SINGAPORE: RING TO SEND AND RECEIVE E-MAIL

Asia Computer Weekly (XCF) 19 Jan 1997 P.3

Language: ENGLISH

... receive e-mail through their phones, under the SingNet Efone service provided by SingNet, an **Internet** service provider in Singapore. Users of the SingNet Efone service, which is available in 41...

... messaging capability will be able to make use of the service. The Virtual E-mail **Domain Name** service, also provided by SingNet, allows users to use their own domain names in their e-mail addresses for easy

recognition. In addition, **Internet** subscribers to the SingNet **Internet** and **Fax** Mail services will be able to receive faxes without a **fax** machine. Instead, **fax** will be sent to the subscriber as an attachment file with an e-mail.

COMPANY: **INTERNET** ; SINGNET

PRODUCT: **Facsimile** Services  
?

17/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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5630540 INSPEC Abstract Number: B9708-6140C-354, C9708-5260B-271

**Title: Location of name and address on fax cover pages**

Author(s): Jenchyau Lii; Srihari, S.N.

Author Affiliation: Center of Excellence for Document Anal. & Recognition, State Univ. of New York, Buffalo, NY, USA

Conference Title: Proceedings of the Third International Conference on Document Analysis and Recognition Part vol.2 p.756-9 vol.2

Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA

Publication Date: 1995 Country of Publication: USA 2 vol. xxvi+1188 pp.

ISBN: 0 8186 7128 9 Material Identity Number: XX97-01463

U.S. Copyright Clearance Center Code: 0 8186 7128 9/95/\$4.00

Conference Title: Proceedings of 3rd International Conference on Document Analysis and Recognition

Conference Sponsor: IAPR TC-11, TC-10; Canadian Image Process. & Pattern Recognition Soc.; Centre for Pattern Recognition & Machine Intelligence; IEEE, Sect. Montreal; Lab. Scribens; Int. Graphonomics Soc.; Centre de res. inf. Montreal; Inst. Robotics & Intelligence Syst

Conference Date: 14-16 Aug. 1995 Conference Location: Montreal, Que., Canada

Language: English

Subfile: B C

Copyright 1997, IEE

**Title: Location of name and address on fax cover pages**

Abstract: A document analysis system which understands the incoming **fax** cover pages can serve as a mail routing system. This paper reports our research as part of an effort to realize such a system and focuses on locating the **recipient** 's **name** and address on **fax** cover sheets. The name and address regions will later be extracted from the image and sent to an address interpretation unit for further processing. **Fax** cover pages are one **type** of documents which have changeable layout, contain many objects of different nature, and possess compact...

Identifiers: **fax** cover pages...

17/3,K/2 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00279832 92PW06-023

**Smart Paper: send it wherever you want**

Bertolucci, Jeff

PC World , June 1, 1992 , v10 n6 p101, 1 Page(s)

ISSN: 0737-8939

Company Name: XSoft

Product Name: PaperWorks

Presents a very favorable review of PaperWorks 1.0 (\$249.95), a remote **fax** program from XSoft, Palo Alto, CA (800). The program allows the user to create document and recipient indexes. Document indexes can be arranged by file name, date, or **type** of file. The **recipient** index contains the **name** , **fax** number, and additional information on people the user might want to **fax** . When on the road, the user fills out a 'smart paper' form, faxes it to...

... the ride.'" The program works with Intel's SatisFaxtion board, the Complete PC's Complete **Fax** /9624 and Complete Communicator, and Singapore Technologies' CEI ProFax. Includes one screen display. (djd)

Descriptors: **Facsimile** ; Remote Computing; Productivity Software; Software Review; Window Software

17/3,K/3 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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09291915

Deutsche Post bietet Faxversand vom PC-Arbeitsplatz

GERMANY: NEW **FAX** SERVICE BY DEUTSCHE POST

Handelsblatt (HT) 19 May 2000 p.27

Language: GERMAN

GERMANY: NEW **FAX** SERVICE BY DEUTSCHE POST

The new **fax** service offered by German Deutsche Post Com allows customers to send faxes direct from the PC via the e-mail software. Instead of the e-mail address, the **fax** number and the identification code have to be **entered** . The electronic document is sent to a **fax** server which will transmit it to the **addressee** 's **fax** machine. If there is an interference, the electronic letter can be printed out and mailed...

PRODUCT: Mail & Express Services **Facsimile** Services

17/3,K/4 (Item 2 from file: 583)

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06555054

La Poste va bient4t proposer le "pr t-\-poster" Zlectronique

FRANCE: LA POSTE'S ELECTRONIC LETTER SERVICE

La Tribune (XOT) 03 Dec 1997 p.11

Language: FRENCH

In an effort to compete with the **fax** , the telephone and e-mail, French post office and financial services group La Poste is to launch an electronic letter service. The individual orders the **type** of letter (s)he wants to send on La Poste's Web site and writes a message, which La Poste then converts into letter format and sends to the **addressee** . La Poste has sold FFr lbn worth of stamped and ready-to-send envelopes in...

17/3,K/5 (Item 3 from file: 583)

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06156176

Moskva otvlekla

RUSSIA: SERVICE FAXNET INTRODUCED IN PETERSBURG

Delovoj Peterburg (ZEH) 23 May 1995 p.7

Language: RUSSIAN

... has introduced a new service FAXNET. Its operation resembles that of electronic mail. A client **enters** the network and sends a **fax** or a voice message to the server which will send it further to indicated addresses. If



the **addressee** has no **fax** machine he can receive the message as a telegram.

PRODUCT: **Facsimile** Services

17/3,K/6 (Item 4 from file: 583)

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01488173

RICOH INTRODUCES BUSINESS PERSONAL FACSIMILES

JAPAN - RICOH INTRODUCES BUSINESS PERSONAL FACSIMILES

Nikkei Sangyo Shimbun (NSS) 2 December 1987 p8

Language: Japanese

... 7 priced at Y238k and Y178k respectively. Rifax B10 is designed for transmission of book- **type** documents without need to copy each sheet prior to transmission while Rifax Alpha 7 can...

... 4 document in 20 seconds. Other features include one-digit dialling of up to 10 **fax** numbers and display of **recipient 's name** .\*

PRODUCT: **Facsimile** Equipment

?

23/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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6213580

**Title:** Contact management software puts a networking "GoldMine" at your fingertips

Author(s): Kennedy, D.M.

Journal: Law Practice Management vol.25, no.2 p.45-9

Publisher: American Bar Assoc,

Publication Date: March 1999 Country of Publication: USA

CODEN: LPMAEK ISSN: 1045-9081

SICI: 1045-9081(199903)25:2L:45:CMSP;1-T

Material Identity Number: 0986-1999-001

Language: English

Subfile: D

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Abstract: Contact managers are supercharged electronic **address books**.. Added features let you record historical contact information (sometimes automatically), keep notes, produce correspondence, perform...

... differs from the more common personal information manager (PIM). It offers most PIM features (calendar, **address book**, scheduling), but adds specialized features, searching and sorting functions and, most importantly, the capacity to...

... track each communication with an individual or entity, whether it's a letter, phone call, **fax**, personal contact or **email**. You then can view the history of your contacts, along with any contemporaneous notes you...

...Identifiers: electronic **address books** ;

23/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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6121859

**Title:** Turn a cost center into a profit center

Author(s): Turner, M.; Welbourn, G.

Author Affiliation: Canadian Tire Acceptance Ltd., Canada

Journal: Communications News vol.35, no.10 p.69

Publisher: Nelson Publishing,

Publication Date: Oct. 1998 Country of Publication: USA

CODEN: CMUNA9 ISSN: 0010-3632

SICI: 0010-3632(199810)35:10L:69:TCCI;1-2

Material Identity Number: F947-1998-010

Language: English

Subfile: D

Copyright 1999, IEE

...Abstract: hard goods retailer, with revenues of more than \$4 billion (Canadian), more than 426 retail **stores**, and 34000 employees. Most available technology would not support rapid product introduction, did not integrate...

... feel" across all call centers-and at the same time creating a system that could **address** the personalized needs of each customer. Another important feature was its support for virtually any customer touch point-Web, **email**, **fax**, phone, or kiosks. In the year since we began, we

have cut our transfer rate...  
...Identifiers: **email** ; ...  
  
... **fax** ;

**23/3,K/3** (Item 3 from file: 2)  
DIALOG(R)File 2:INSPEC  
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5829653 INSPEC Abstract Number: B9803-6210G-010, C9803-6130S-044  
**Title: Channels: avoiding unwanted electronic mail**  
Author(s): Hall, R.J.  
Author Affiliation: AT&T Labs. Res., Florham Park, NJ., USA  
Conference Title: Network Threats. DIMACS Workshop p.85-101  
Editor(s): Wright, R.N.; Neumann, P.G.  
Publisher: American Math. Soc, Providence, RI, USA  
Publication Date: 1998 Country of Publication: USA xiv+110 pp.  
ISBN: 0 8218 0832 X Material Identity Number: XX98-00106  
Conference Title: Network Threats. DIMACS Workshop  
Conference Date: 2-4 Dec. 1996 Conference Location: New Brunswick, NJ,  
USA  
Language: English  
Subfile: B C  
Copyright 1998, IEE

**Title: Channels: avoiding unwanted electronic mail**  
...Abstract: nuisance (junk mail) through annoyance (telemarketing) to actually endangering the usefulness of the medium (junk **fax** , obscene or harassing telephone calls). The usefulness of **electronic mail** is seriously threatened by the exploding commercialization of the Internet, because it is easy to collect and maintain **address lists** and cheap to mass-distribute messages. This paper describes a novel mechanism, **electronic mail** channels, that enables users to control who can send them messages, allowing preferential levels of...

...Descriptors: **electronic mail** ;  
Identifiers: unwanted **electronic mail** avoidance...  
  
...junk **fax** ; ...  
  
... **address lists** ; ...  
  
... **electronic mail** channels...  
  
...channelized **electronic mail** ;

**23/3,K/4** (Item 4 from file: 2)  
DIALOG(R)File 2:INSPEC  
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5529262 INSPEC Abstract Number: B9705-6210G-001, C9705-7104-001  
**Title: Eudorable Web mail [E-Mail software]**  
Author(s): Vaughan-Nichols, S.J.  
Journal: BYTE (International Edition) vol.22, no.2 p.140  
Publisher: McGraw-Hill,  
Publication Date: Feb. 1997 Country of Publication: USA  
CODEN: BYTEDJ ISSN: 0360-5280  
SICI: 0360-5280(199702)22:2L.140:EMMS;1-R  
Material Identity Number: G109-97002

Language: English  
Subfile: B C  
Copyright 1997, IEE

...Abstract: to messages or senders, even dumping unwanted mail directly in the trash can. The Eudora **address book** has been enhanced, adding fields for **fax** and phone numbers. Qualcomm has also improved the program's handling of mail list groups.

Descriptors: **electronic mail** ;

23/3,K/5 (Item 5 from file: 2)  
DIALOG(R)File 2:INSPEC  
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03112658 INSPEC Abstract Number: B88028290

**Title: Recommended communication system for electronic mail service**  
Journal: Data Communication and Processing vol.19, no.6 p.75-7  
Publication Date: 1987 Country of Publication: Japan  
CODEN: DTSUDEF ISSN: 0285-9394  
Language: Japanese  
Subfile: B

**Title: Recommended communication system for electronic mail service**

Abstract: **Electronic mail** communication is the service to realize telecommunication via mail boxes, multiple **address** communication via mail boxes, multiple **address** communication, media conversion, etc. by using the **storing** and switching functions of the telecommunication networks, sending and receiving messages of different types of information such as data, graphics, speech, etc. among various terminals (personal computers, **facsimile** , etc) in public telecommunication networks, local area networks, etc. In the CCITT, standardization of the...

Descriptors: **electronic mail** ;

...Identifiers: **electronic mail** ;

23/3,K/6 (Item 6 from file: 2)  
DIALOG(R)File 2:INSPEC  
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02464509 INSPEC Abstract Number: B85036653

**Title: Facsimile Mail Module (FMM)**

Author(s): Kasahara, H.; Inoue, S.; Nishio, M.; Matsuda, S.; Kawachi, Y.  
Author Affiliation: Div. of Bus. Commun., NEC, Tokyo, Japan  
Journal: NEC Technical Journal vol.37, no.11 p.58-61  
Publication Date: Nov. 1984 Country of Publication: Japan  
CODEN: NECGEZ ISSN: 0285-4139  
Language: Japanese  
Subfile: B

**Title: Facsimile Mail Module (FMM)**

Abstract: The FMM ( **Facsimile** Mail Module) is a **store** and forward system for **facsimile** communications and has been developed as one of the APEX/NEAX 2400 IMS (Information Management System) **electronic mail** modules. This system provides various kinds of communication services such as multi- **address** call, retrieve, mail box service, etc. for standard G3 **facsimile** terminals. Additionally, FMM is also useful for operation and management services such as message identification...

... journal, etc. By using FMM, it is possible to construct a high-quality

value-added **facsimile** network that any existing 1:1 communications cannot realize.

Descriptors: **electronic mail** ; ...

... **facsimile** equipment

...Identifiers: **Facsimile Mail Module**...

... **store** and forward system...

... **facsimile** communications...

... **electronic mail** modules...

...G3 **facsimile** terminals...

...value-added **facsimile** network

23/3,K/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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02342046 INSPEC Abstract Number: B84060356

Title: **Telecommunications: the view from Hong Kong**

Author(s): Williamson, J.

Journal: Telephony vol.207, no.10 p.48, 52, 56

Publication Date: 27 Aug. 1984 Country of Publication: USA

CODEN: TLPNAS ISSN: 0040-2656

Language: English

Subfile: B

...Abstract: telecommunications in Hong Kong. Hong Kong has two SPC telex exchanges with facilities such as **store** and forward, inward **storing** and multi- **addressing** . A high speed public **facsimile** service is also available to more than 25 countries. Two other text services offered are **electronic mail** and teletex. There is also an international public packet switched data network.

...Identifiers: **facsimile** service...

... **electronic mail** ;

23/3,K/8 (Item 1 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

00963903 E.I. Monthly No: EI8011081238 E.I. Yearly No: EI80015594

Title: **STUDIES ON PRESENT AND FUTURE PUBLIC DATA NETWORK SERVICE IN JAPAN.**

Author: Iimura, J.; Tsukamoto, K.; Uchiyama, T.; Murase, S.

Corporate Source: Nippon Telegr & Teleph Public Corp, Tokyo, Jpn

Source: Teleinformatics '79, Proc of the Int Conf on Teleinf, Paris, Fr, Jun 11-13 1979 Publ by North-Holland Publ Co, Amsterdam, Neth and New York, NY, 1979 p 293-299

Publication Year: 1979

Language: ENGLISH

...Abstract: systems, it is necessary for public data networks to provide facilities for such services as **electronic mail** , word processing and teletext. **Store** -and-forward facilities in the network, e. g. , multi-

**address** delivery, delayed delivery, mail box facility and terminal profile conversion, will be effectively used in...

...circuit switched data networks and packet switched data networks. 2)  
Maximum commonality of interfaces for **facsimile** terminals and data terminals. This paper describes network user facilities, network structure and the protocol...

**23/3,K/9 (Item 1 from file: 94)**

DIALOG(R)File 94:JICST-EPlus

(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

00447940 JICST ACCESSION NUMBER: 87A0356417 FILE SEGMENT: JICST-E

**A case of member's management in a multi-media mail system.**

MORIMOTO KATSUKI (1); SASAKI KUNIO (1); HIRAYAMA HIROSHI (1)

(1) Fujitsu Ltd.

Denshi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku(IEIC Technical Report  
(Institute of Electronics, Information and Communication Enginners),  
1987, VOL.87,NO.4, PAGE.1-6(SE87-1), FIG.6, REF.2

JOURNAL NUMBER: S0532BBG

UNIVERSAL DECIMAL CLASSIFICATION: 621.394

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

ABSTRACT: The FETEX-8850 multi-media mail system **stores** and forwards  
messages of telephones, facsimiles and data of computers at the same  
time. It...

...DESCRIPTORS: **facsimile** ; ...

... **address** system...

... **electronic mail**

**23/3,K/10 (Item 1 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00547269 99PI09-008

**PC-free e-mail -- The Cidco MailStation provides easy access to Internet  
e-mail for those without a computer**

Brown, Bruce; Brown, Marge

PC Magazine , September 1, 1999 , v18 n15 p64, 1 Page(s)

ISSN: 0888-8507

Company Name: Cidco

URL: <http://www.cidco.com>

Product Name: Cidco MailStation

... it quick and easy to set up. Includes integrated 33.6Kbps modem and  
512K flash **memory** . Features spell checker, **address book** , events  
calendar, outbound **fax** , printer connection, calculator, and e-mail  
service with five accounts per device. Complains e-mail...

Descriptors: **Electronic Mail** ; Messaging; Data Communication; **Fax**

**23/3,K/11 (Item 2 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00534141 99NW05-004

**Messaging**

Network Magazine , May 1, 1999 , v14 n5 p46-49, 3 Page(s)

ISSN: 1069-5621

Company Name: Isocor; Novell; CallWare Technologies

URL: <http://www.isocor.com> <http://www.novell.com> <http://www.callware.com>

om

Product Name: N-Plex connect 1.0; GroupWise 5.5; Callegra

... s ability to provide enterprise level open Internet-based e-mail, GroupWise's ability to **store** redundant files only once and save server disk space and echo documents to hard drive space when required, and Callegra's ability to integrate e-mail, voice mail messages, and **fax** transmissions into a single correspondence handling system. Praises N-Plex for its synchronizing of SMTP, POP3, MIME, IMAP4, and LDAP standards, GroupWise for allowing users to enter e-mail **addresses** on the Internet without any special formatting, and Callegra for allowing remote access to all...

Descriptors: **Electronic Mail** ; Messaging; **Fax** ; Telephony; Internet Access; Web Tools; File Management

**23/3,K/12 (Item 3 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00528114 99PM03-026

**Perfect Assistant; General Magic Portico -- Use your voice to stay organized with Portico, but keep an eye on those service charges**

Schwerin, Rich

PC Computing , March 1, 1999 , v12 n3 p113, 1 Page(s)

ISSN: 0899-1847

... activated virtual assistant from General Magic (800). Reports that Portico includes voice mail, call management, **fax** , paging service, calendar, **address book** , e-mail support, and basic online news and stock-quote services. Notes that start-up...

Descriptors: Personal Digital Assistant; Voice Recognition; Voice **Mail** ; **Facsimile** ; Calendar; **Electronic Mail** ; Online Information

**23/3,K/13 (Item 4 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00507960 98IE09-202

**Netcenter eyes role as message center -- \$25m deal with Qwest brings voicemail, e-mail, faxes to portal site, but will consumers follow?**

Andrews, Whit

Internet World , September 21, 1998 , v4 n30 p1, 77, 2 Page(s)

ISSN: 1081-3071

Company Name: Netscape Communications; Qwest Communications

URL: <http://www.netscape.com> <http://www.qwest.com>

... that Netscape Communications has moved ahead of rival portal sites with an agreement to integrate **fax** , voicemail, and e-mail from Qwest Communications into its Netcenter **address book** . Says that while there are challenges to overcome that include altering user behavior to encompass

IP networking, digitized communications offer dramatic benefits. Explains that keeping **fax**, voicemail, and e-mail on the same network supports user access to all three from...

... a key development, which makes the ambitious plan possible, is the fact that the Netscape **address book** is able to synchronize with a remote version of Netcenter in the 4.5 edition...

Descriptors: Corporate Alliances; Telephony; Remote Computing; Mobile Computing; **Electronic Mail**; Voice Mail

**23/3,K/14** (Item 5 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00471647 97MQ09-005

**Unified messaging takes a giant step forward -- COM2001 TransCOM**

Koegler, Scott

Mobile Computing & Communications, September 1, 1997, v8 n9 p30, 1

Page(s)

ISSN: 1047-1952

Company Name: Com2001 Technologies

Product Name: Com2001 TransCOM

... although modems must specifically support extended TAPI functions. Features caller ID, multiple mail boxes, and **address book**. Says the standard version integrates with Microsoft Outlook and Exchange to allow remote voice and...

... personalized greetings based on Caller ID; and a single interface for voice-mail, e-mail, **fax**, and the Internet. Complains that it needs better integration with its PIM and Outlook, requires...

Descriptors: Messaging; Telephone; Voice Mail; Voice Recognition; Personal Information Manager; **Electronic Mail**; Internet

**23/3,K/15** (Item 6 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00447481 97PI01-013

**Consolidating messages**

Perenson, Melissa J

PC Magazine, January 7, 1997, v16 n1 p40, 1 Page(s)

ISSN: 0888-8507

Company Name: ConnectSoft; General Magic; Global Village Communications; Wall Data

Product Name: **EMail** Connection; Magic Cap for Windows 95; FocalPoint; Rumba Mail Featuring 3M's Post-it Software Notes

Product Name: **EMail** Connection; Magic Cap for Windows 95; FocalPoint; Rumba Mail Featuring 3M's Post-it Software...

Announces four new e-mail utility programs. **EMail** Connection (\$49.95) from ConnectSoft (800) can automate the filing of e-mail across multiple...

... office markets. It supports e-mail communication via any POP3 ISP or America Online. Its **address book** captures the **addresses** of incoming messages and the program is integrated with Microsoft Internet Explorer 3.0 (included...



... Global Village Communications (800) not only manages e-mail but also handles data, voice, and **fax** communications. It now offers support for Windows NT Workstation 3.51 or later. Rumba Mail...

Descriptors: **Electronic Mail** ; Utility Program; Software

Identifiers: **EMail** Connection; Magic Cap for Windows 95; FocalPoint; Rumba Mail Featuring 3M's Post-it Software...

**23/3,K/16** (Item 7 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00432718 96PI08-021

**E-Mail Connection 3.0: the only e-mail box you'll need**

Olsen, J W

PC Magazine , August 1, 1996 , v15 n14 p60, 1 Page(s)

ISSN: 0888-8507

Company Name: ConnectSoft

Product Name: E-Mail Connection

... and Windows 3.x or 95. It provides support for more online services, pagers, and **fax** modems than any similar program, in addition to offering MIME and uuencode attachments for the Internet and S/MIME encryption. It provides a single integrated **address book** and a rules-based message interface for all e-mail services. It is easier to...

... point concerns faxes, which are not as readable as they are using alternative programs. Heavy **fax** users might wish to look elsewhere, but this is the best choice available for e...

Descriptors: **Electronic Mail** ; Utility Program; Software Review; Window Software

**23/3,K/17** (Item 8 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00430137 96SM07-010

**Close calls -- FocalPoint**

Sandlund, Chris

Small Business Computing , July 1, 1996 , v14 n7 p42, 1 Page(s)

ISSN: 0899-7373

Company Name: Global Village

Product Name: FocalPoint

... Adds that it comes prebundled with a browser and can import contact information into its **address book** after the data is converted to a DBF file. However, says its interface can be...

Descriptors: **Electronic Mail** ; Software Review; **Facsimile** ; Online Systems; Window Software

**23/3,K/18** (Item 9 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00430001 96PW07-020

**Megahertz AllPoints wireless e-mail leaves the jack behind**

Capen, Tracy

PC World , July 1, 1996 , v14 n7 p88, 1 Page(s)

ISSN: 0737-8939

Company Name: U.S. Robotics Mobile Communications

Product Name: Megahertz AllPoints Wireless Modem

... of U.S. urban business areas, routes e-mail to either RadioMail or Wynd (two **store** -and-forward services) that provides users with a wireless e-mail **address** and can connect to any Internet address, a **fax** machine, or someone's phone number. The only drawback to this system is that the...

Descriptors: Modem; Wireless Communication; Hardware Review; PCMCIA;  
**Electronic Mail**

**23/3,K/19** (Item 10 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00429853 96PK07-422

**Mail reader extends reach -- E-Mail Connection 3.0 supports more message systems; adds ease of use, security**

Kramer, Matt

PC WEEK, July 29, 1996, v13 n30 p76, 1 Page(s)

ISSN: 0740-1604

Company Name: ConnectSoft

Product Name: E-Mail Connection

... utilizing the extended version of Messaging-API (MAPI). Points out that the program can manage **address** information, but complains that the **address book** alphabetizes by the first letter of the first name. Concludes that this is a helpful...

Descriptors: Messaging; **Electronic Mail**; Networks; **Facsimile**;  
Online Systems; Software Review

**23/3,K/20** (Item 11 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00420918 96MA04-004

**Eudora 3.0 will bulk up filers, nicknames, text**

Staten, James

MacWEEK, April 1, 1996, v10 n13 p1, 88, 2 Page(s)

ISSN: 0892-8118

Company Name: Qualcomm

Product Name: Eudora

Reports that Qualcomm Inc. of San Diego, CA, is incorporating more powerful **address books**, mail filtering, and search capabilities into the next version of its Eudora Internet mail client. Says the program's **address - book** module will make it easier to maintain multiple sets of names, **addresses**, and telephone and **fax** numbers to each listing. Adds that drag-and-drop features will also be implemented throughout...

Descriptors: **Electronic Mail**; Product Development; Internet;  
Client-Server Computing

**23/3,K/21** (Item 12 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00417907 96MA03-009

**OneWorld Combo -- Global Village rounds out communications server**

Oski, Jonathan A

MacWEEK , March 4, 1996 , v10 n9 p35, 1 Page(s)

ISSN: 0892-8118

Company Name: Global Village Communication

Product Name: OneWorld Combo

... Inc. of Sunnyvale, CA (408). Includes capabilities such as remote access, network modem pooling, and **fax** capabilities. Says that it is designed for small to medium sized businesses, and to appease network users, there are both private and shared **address books** . Remarks that technical support quickly answered questions sent by phone or e-mail. Received four...

Descriptors: Network Server; **Facsimile** ; Internet; Macintosh;  
Software Review; **Electronic Mail**

**23/3,K/22 (Item 13 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00417065 96PM03-054

**Dispatch 1.1 -- Document-management software**

Lyon, Jack

PC/Computing , March 1, 1996 , v9 n3 p226, 1 Page(s)

ISSN: 0899-1847

Company Name: Qualitas

Product Name: Dispatch

...Qualitas (800, 301). Says Dispatch is a powerful document server that provides a well-designed **address book** , which enables users to send documents via e-mail, **fax** , or to a printer. Notes that, as the name i this is a send-only...

Descriptors: Document Management System; Window Software; **Electronic Mail** ; **Facsimile** ; Software Review

**23/3,K/23 (Item 14 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00405344 95MW12-006

**Cell phones and modems get cozy -- Two-in-one devices give road warriors one less headache**

Crotty, Cameron

Macworld , December 1, 1995 , v12 n12 p39, 1 Page(s)

ISSN: 0741-8647

Company Name: AirGo Communications; Air Communications

Product Name: PhoneCard; AirCommunicator Executive

... from AirGo Communications (801), which combines an analog cell phone and a 14.4-Kbps **fax** modem on a single Type III PC Card. Notes that users can use the PhoneCard...

... for the Phone Card, making it a fully functional cellular phone. Indicates that AirGo's **AddressBook** software enables users to place voice, data, or **fax** calls by clicking on an icon, or send faxes or e-mail by dragging and...

... number. Also discusses the AirCommunicator Executive from Air Communications (408), an integrated 14.4-Kbps **fax** modem within a cellular phone. Says it plugs into the Macintosh serial and can function as an answering machine that **stores** up to 16 minutes of messages, or as a send & receive **fax** machine with RAM for up to 37 pages. Includes one photo. (jo)

Descriptors: Cellular Communication; Telephone; Modem; **Facsimile** ; Mobile Computing; PCMCIA; **Electronic Mail**

**23/3,K/24 (Item 15 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00402438 95LA11-012

**Spreading the word to many**

Duncan, Thom

LAN Times , November 6, 1995 , v12 n23 p122-124, 2 Page(s)

ISSN: 1040-5917

Company Name: Qualitas

Product Name: Dispatch

... it provides an inexpensive way to provide multiple copies of a document via e-mail, **fax** , an online service, telecommunications program, or in printed form. Adds that it uses the information in its **address book** to determine how to handle a document, is customizable, and can provide a script specifying...

Descriptors: Messaging; Software Review; Network Management; **Facsimile** ; **Electronic Mail** ; Win dow Software

**23/3,K/25 (Item 16 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00381740 95PI04-241

**AT&T EasyLink Services**

Gonzalez, Sean

PC Magazine , April 25, 1995 , v14 n8 p179, 182, 2 Page(s)

ISSN: 0888-8507

Company Name: AT&T

Product Name: AT&T EasyLink Services

... Dallas, TX (800, 214). The software, AT&T Mail Access Plus for Windows, offers e- **mail** , **electronic** forms, and faxes. It is has an antiquated, character-based interface which makes it occasionally...

...BAT file to start a 95K DOS TSR to handle background communications. The program lacks **addressing** templates but it does have an **address book** which is inconveniently divided into two parts. Users who can live with the interface will...

Descriptors: Information Services; Software Review; Business; Telecommunications; **Electronic Mail** ; Forms; **Facsimile**

**23/3,K/26 (Item 17 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00369317 94PM12-007

**Communicate, organize, impress: Simon**

Lake, Matthew

PC/Computing , December 1, 1994 , v7 n12 p94, 1 Page(s)

ISSN: 0899-1847

Company Name: BellSouth Cellular

Product Name: Simon

... mixed review of Simon (\$899, in BellSouth Cellular markets; \$1,099, elsewhere), a handheld computer, **fax** , and cellular phone combination from BellSouth Cellular Corp. (800). Says Simon functions as a personal digital assistant in addition to replacing your beeper, **fax** , and cellular telephone, placing e-mail, clock, **address book** , and notepad in the palm of your hand. Complains that typing is difficult, battery life...

Descriptors: Personal Digital Assistant; Hand-held Computer; Cellular Communication; **Facsimile** ; Hardware Review; **Electronic Mail** ; Telephone

**23/3,K/27 (Item 18 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00351434 94WN06-017

**WinFax PRO 4.0: for a faster fax**

Powell, James E

Windows Magazine , June 1, 1994 , v5 n6 p158, 1 Page(s)

ISSN: 1060-1066

Company Name: Delrina; Microsoft

Product Name: WinFax PRO; Microsoft At Work

**WinFax PRO 4.0: for a faster fax**

Presents a favorable review of WinFax PRO v4.0 (\$129), a **fax** program from Delrina Corp. (800, 408). Runs on IBM PC compatibles with Windows. Says that...

... for submitting faxes; its toolbar is customizable; faxes are stored in compressed mode; and its **address book** allows for quick searches. Claims that viewing and rotating a **fax** is quite fast; and features include zoom and invert. Expl how support for the VIM...

Descriptors: **Facsimile** ; Window Software; Software Review; Data Communication; Telecommunications; Compression; **Electronic Mail**

**23/3,K/28 (Item 19 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00331137 93IW11-119

**Eo 440's high price, glitches spoil its performance value**

Stephens, Mark

InfoWorld , November 8, 1993 , v15 n45 p120, 1 Page(s)

ISSN: 0199-6649

Company Name: Eo

Product Name: Eo Personal Communicator 440

... 415). Says it includes 4MB RAM, a 20MHz AT&T processor, a PCMCIA slot, and **electronic mail** , **fax** , calendar, **address book** , personal database, and word processor applications; and features the multithreaded and multitasking PenPoint operating system...

**23/3,K/29** (Item 20 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00321387 93PJ08-012

**cc:Mail**  
Holzberg, Carol S  
PC Today , August 1, 1993 , v7 n8 p58-60, 3 Page(s)  
ISSN: 1040-6484  
Company Name: cc:Mail  
Product Name: cc:Mail

... to append text from other applications, private folders, bulletin boards, public and private mailing lists, **address books** , and return receipt. Can search by author, keyword, textstring, date, time, and priority level. Also...

...messages, and connect to mainframe or mini E-mail systems, public E-mail services, and **fax** machines. Concludes that basic package provides convenient services at a reasonable price. Contains one screen...

Descriptors: **Electronic Mail** ; Software Review; Window Software

**23/3,K/30** (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

05900424  
Communications device from IBM  
US: IBM ENTERS COMPUTER/COMMUNICATOR MKT  
Financial Times (FT) 03 Nov 1993 p.27  
Language: ENGLISH

... with the launch of Simon a hand held cellular telephone with computer. It has paging, **electronic mail** , **facsimile** , dairy, **address book** , calculator and pen based note pad facilities as well as being a cellular phone. However...

**23/3,K/31** (Item 2 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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05708336  
SUN MICROSYSTEMS ADOPTS BRISTOL GROUP'S **FACSIMILE** SYSTEM  
US - SUN ADOPTS BRISTOL GROUP'S **FAX** SYSTEM  
Computergram International (CGI) 23 February 1993 p3  
ISSN: 0268-716X

SUN MICROSYSTEMS ADOPTS BRISTOL GROUP'S **FACSIMILE** SYSTEM  
US - SUN ADOPTS BRISTOL GROUP'S **FAX** SYSTEM

... CA) is licensing and deploying internally the Bristol Group's IsoFax Open Look-based network **facsimile** system, which runs on Sparc processors, and its new companion workgroup information manager, PowerBase. The...

... package designed to enable network users to schedule activities. It streamlines the use of telephone, **facsimile** , **electronic mail** , post and express mail and provides IsoFax with a shareable **facsimile address**

**book** . PowerBase, which also come with a Motif-based user interface and is also available on...

PRODUCT: **Facsimile** Equipment

**23/3,K/32** (Item 3 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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05450360

AT&T WINS NEC, TOSHIBA FOR HOBBIT, TAKES EO 440...

US - AT&T WINS NEC, TOSHIBA FOR HOBBIT, TAKES EO 440  
Computergram International (CGI) 17 November 1992 p1  
ISSN: 0268-716X

... basic 440 enables users to take notes, keep an appointments diary, maintain a telephone and **address list** and add spoken comments to documents. Equipped with the optional modem, it enables users to send and receive **electronic mail** and **facsimile** messages; with the optional cellular phone, it offers speech telephony over the fixed telephone network or cellular network, and wireless transfer of **electronic mail** and **facsimile** .

**23/3,K/33** (Item 4 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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03764200

Postal Authority launches **electronic mail** service  
ISRAEL - TELEPOST SERVICE OFFERED  
Jerusalem Post (JP) 2 October 1990 p2

Postal Authority launches **electronic mail** service

... is a new service from Postal Authority (Israel) which can transmit correspondence from PCs via **electronic mail** , **facsimile** or telex to any **address** in the world. Initially the service is available to subscribers in the Shoham region. Telepost...

... is available to subscribers with an IBM or IBM-compatible computer with at least 640K **memory** , hard disk and diskettes and amodem with error correction. The service costs Shekel 60/y. All subscribers to the service receive an electronic post office box from which **electronic mail** can be retrieved.

PRODUCT: Teleprinters & Telex **Facsimile** Equipment

**23/3,K/34** (Item 5 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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02658211

Dr NEUHAUS INTRODUCES **FAX** PROCESSING SYSTEM  
W GERMANY - Dr NEUHAUS INTRODUCES **FAX** PROCESSING SYSTEM  
Computerwoche (CWE) 21 April 1989 p21  
ISSN: 0170-5121  
Language: German

Dr NEUHAUS INTRODUCES **FAX** PROCESSING SYSTEM  
W GERMANY - Dr NEUHAUS INTRODUCES **FAX** PROCESSING SYSTEM

...data and data from other sources to be steered to the relevant user. The system **stores** messages centrally and enables the paperless transmission of information via **electronic mail**, and **address** - based management of data processing. The company has also introduced Faxy, an electronic distribution and...

PRODUCT: **Facsimile** Equipment

**23/3,K/35** (Item 1 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

05339040

**Electronic Secretaries Can Be Charming, Funny and Frustrating**

Claymon, Deborah

New York Times, Sec G, p 1, col 1

Dec 17, 1998

ISSN: 0362-4331 NEWSPAPER CODE: NY

DOCUMENT TYPE: Feature; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

...ABSTRACT: of computer-generated administrative assistants that use speech recognition to manage telephone, E-mail and **fax** communications for busy people. Mr. Lee, who pays Portico about \$90 a month for 750...

...the phone, users can make calls, hear voice mail and E-mail, and use stored **address books** to return calls.

...DESCRIPTORS: **Electronic mail** systems...

... **Facsimile** transmission

**23/3,K/36** (Item 1 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2004 Pira International. All rts. reserv.

00324315 Pira Acc. Num.: 10184216 Pira Abstract Numbers: 08-92-PU02768

**Title: HELLO SIMPLIFIES PERSONAL COMMUNICATION**

Authors: Anon

Source: Seybold Rep. Desktop Publ. vol. 6, no. 10, 8 June 1992, p. 30

Publication Year: 1992

Document Type: Journal Article

Language: English

...Abstract: management program from Atelier Systems called Hello. The program allows users to communicate by telephone, **facsimile**, **mail** or **electronic mail**. Hello features a database module called **Address Book**, and word processing module called Typewriter. A module developer kit will be released in the...

...Descriptors: **ELECTRONIC MAIL**; ...

... **FACSIMILE** ;



23/3,K/37 (Item 2 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2004 Pira International. All rts. reserv.

00164711 Pira Acc. Num.: 7759475 Pira Abstract Numbers: 05-87-02163

**Title: BT LAUNCHES GOLD 400**

Authors: Anon

Source: Videotex Notes no. 35, June 1987, p. 8

ISSN: 0267-0828

Publication Year: 1987

Document Type: Journal Article

Language: English

...Abstract: series of recommendations, corresponding to level 7 of Open Systems Interconnection. Gold 400 provides a **store** and forward (non-interactive) message system between private **electronic mail** systems (via public messaging networks), public mail box services, individual workstations and telex. **Fax** is also included on a receive only basis. Physical access will be via Packet Switch...

... standard allows totally incompatible systems and hardware to communicate. An electronic directory will give full **addressing** details of all registered users, plus details of equipment used. (Short article)

Descriptors: **ADDRESSING** ; ...

... **ELECTRONIC MAIL** ; ...

... **FACSIMILE TRANSMISSION**...

... **STORE** ;

Section Headings: **Electronic Mail** (5036)

?

28/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

7071844 INSPEC Abstract Number: B2001-12-6210L-015, C2001-12-5620W-007

**Title: Internet facsimile as an Internet office appliance**

Author(s): **Toyoda, K.** ; Tamoto, S.; Crocker, D.H.

Journal: IEEE Communications Magazine vol.39, no.10 p.60-6

Publisher: IEEE,

Publication Date: Oct. 2001 Country of Publication: USA

CODEN: ICOMD9 ISSN: 0163-6804

SICI: 0163-6804(200110)39:10L.60:IFIO;1-T

Material Identity Number: I318-2001-010

U.S. Copyright Clearance Center Code: 0163-6804/2001/\$10.00

Language: English

Subfile: B C

Copyright 2001, IEE

**Title: Internet facsimile as an Internet office appliance**

Author(s): **Toyoda, K.** ; Tamoto, S.; Crocker, D.H.

...Abstract: such as mobile phones, personal assistants, network-enabled games, interactive television, Internet telephony, and Internet **facsimile**. The marketplace is developing rapidly, along with specialized Internet-based "linking" services to connect these...

... standards, often derived from earlier non-Internet specifications. This article explores efforts to create Internet **facsimile** appliances, contrasting them with devices for Internet telephony. Efforts at Internet **facsimile** have produced two different sets of standards. Store-and-forward Internet **facsimile** is specialized as a profile of classic Internet mail. Real-time Internet **facsimile** uses a specialized protocol.

...Descriptors: **facsimile** ;

...Identifiers: store-and-forward Internet **facsimile** ; ...

...real-time Internet **facsimile** ;

28/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02424062 INSPEC Abstract Number: C85020578

**Title: Advanced system for optical document file system 'Panafile 1000'**

Author(s): Ishigame, M.; Yamazaki, Y.; Miyakawa, I.; **Toyoda, K.** ; Yamamoto, M.; Ishihara, S.; Suzuki, K.; Asakura, M.; Kamanaka, N.

Author Affiliation: Office Automation Syst. Div., Matsushita Graphic Commun. Syst. Inc., Osaka, Japan

Journal: National Technical Report vol.30, no.4 p.574-81

Publication Date: Aug. 1984 Country of Publication: Japan

CODEN: NTROAV ISSN: 0028-0291

Language: Japanese

Subfile: C

Author(s): Ishigame, M.; Yamazaki, Y.; Miyakawa, I.; **Toyoda, K.** ; Yamamoto, M.; Ishihara, S.; Suzuki, K.; Asakura, M.; Kamanaka, N.

...Abstract: can be controlled by a small business computer or microcomputer and can transmit images by **facsimile** communication has been developed. The new system's characteristics are as follows: (1) A document ...

... document is taken from the optical file by using the document number given by a **facsimile** communication unit and can be transmitted by **facsimile** communication.

Descriptors: **facsimile** ;

...Identifiers: **facsimile** communication

28/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02001719 INSPEC Abstract Number: B83014338, C83010340

**Title:** Facsimile with soft-overlay function CF-3450

Author(s): Ishigame, M.; Yamamoto, M.; **Toyoda, K.**

Author Affiliation: OA System Res. & Dev. Lab., Matsushita Graphic Communication Systems Inc., Osaka, Japan

Journal: National Technical Report vol.28, no.4 p.606-15

Publication Date: Aug. 1982 Country of Publication: Japan

CODEN: NTROAV ISSN: 0028-0291

Language: Japanese

Subfile: B C

**Title:** Facsimile with soft-overlay function CF-3450

Author(s): Ishigame, M.; Yamamoto, M.; **Toyoda, K.**

Abstract: An overlay print system for use in a complexed terminal of a **facsimile** system has been developed, which can overlay the printing format and the output data of...

...The system is controlled by the 6800 microcomputer, and is composed of a CRT/keyboard, **facsimile** and floppy disk. It has a function to register the printing format in the floppy...

... picture data, so the printing format can be easily registered from the scanner of the **facsimile**. The system has 16 kinds of code data character sizes and the capability to print...

...Descriptors: **facsimile** equipment

...Identifiers: **facsimile** system

?

File 348:EUROPEAN PATENTS 1978-2004/Jan W04

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040122,UT=20040115

(c) 2004 WIPO/Univentio

? ds

Set	Items	Description
S1	70044	FAX OR FACSIMILE
S2	2794	S1(5N) (INTERNET OR NETWORK? OR WWW)
S3	3688	DOMAIN(3N)NAME
S4	38	S3(5N)DEFAULT
S5	9	S4(7N) (INSERT? OR USE OR SEND? OR UTILI? OR ROUT? OR REDIR- ECT? OR DIRECT? OR TRANSMI? OR RELAY?)
S6	4337	(EMAIL OR ELECTRONIC(3N)MAIL) (3N)ADDRESS?
S7	22151	(PERSONAL OR USER OR RECIPIENT) (3N)NAME OR ADDRESSEE
S8	2967	S7(5N) (ENTER? OR TYPE OR INPUT?)
S9	167248	BUTTONS OR KEYPAD OR (KEY OR NUMBER) ( ) PAD OR NUMBERPAD OR - PANEL
S10	349260	ADDRESS() (BOOK?? OR LIST?) OR STORE OR STORING OR STORES OR MEMORY
S11	107655	IC=(H04N? OR H04L?)
S12	21688	(INTERNET() PROTOCOL OR IP OR INTERNET) ( ) ADDRESS? OR URL OR (UNIVERSAL OR UNIFORM) (W) RESOURCE(W) LOCATOR?
S13	0	S2(5N)S4
S14	0	S1(S)S5
S15	25	S2(S)S3
S16	9	S15(S)S7
S17	7	S16 AND S11
S18	142	S2(S) (S3 OR S12)
S19	117	S18 NOT S15
S20	60	S19 AND S11
S21	0	S20(S)S8
S22	1	S20(S)S7
S23	1	S22 NOT S16
S24	29	S2(S)S10(S)S7
S25	10	S24(S) (S3 OR S12)
S26	4	S25 NOT (S16 OR S22)
S27	18	S15 NOT (S17 OR S22 OR S26)
S28	7	S27 AND AD=19990830:20040128/PR
S29	11	S27 NOT S28
S30	6	S8(10N)S9(10N)S1
S31	1	S30(S)S4
S32	0	S31 NOT (S15 OR S17 OR S22 OR S26)

17/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01338219

Terminal-to-terminal communication connection control method using IP transfer network

Endgerät-zu-Endgerät-Kommunikationssteuerungsverfahren unter verwendung eines IP-Übertragungsnetzes

Procede de controle de communication entre terminaux utilisant un reseau de tranfert de donnees IP

PATENT ASSIGNEE:

The Distribution Systems Research Institute, (3270790), 7-3-37, Akasaka, Minato-ku, Tokyo, (JP), (Applicant designated States: all)

Miyaguchi Research Co. Ltd., (3270800), 1-4-4, Sugano, Ichikawa-Shi, Chiba, (JP), (Applicant designated States: all)

INVENTOR:

Furukawa, Hisao, 2-27-7, Isehara-cho, Kawagoe-shi, Saitama, (JP)

Miyaguchi, Shoji, 1-4-4, Sugano, Ichikawa-shi, Chiba, (JP)

LEGAL REPRESENTATIVE:

Hooiveld, Arjen Jan Winfried et al (62051), Arnold & Siedsma

Sweelinckplein 1, 2517 GK Den Haag, (NL)

PATENT (CC, No, Kind, Date): EP 1143682 A2 011010 (Basic)

EP 1143682 A3 031203

APPLICATION (CC, No, Date): EP 2001200880 010308;

PRIORITY (CC, No, Date): JP. 2000105023 000406; JP 2000179234 000615; JP

2000367085 001201

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-029/06 ; H04M-007/00; H04L-029/12 ;

H04M-003/42; H04Q-003/62

ABSTRACT WORD COUNT: 183

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200141	11401
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SPEC A	(English)	200141	110956
--------	-----------	--------	--------

Total word count - document A	122357
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Total word count - document B	0
-------------------------------	---

Total word count - documents A + B	122357
------------------------------------	--------

INTERNATIONAL PATENT CLASS: H04L-029/06 ...

... H04L-029/12

...SPECIFICATION 92). The IP telephone acceptance person 228-1 acquires from the user 227-1, a **user name**, a **user** address, a payment way of a communication fee, and a user telephone number "Tel-No...

...a database of the user service server(Step P102). This information is related to the **user name**, the **user** address, the payment way of the communication fee, the user telephone number "Tel-No-1...92). The IP telephone acceptance person 228-2 acquires from the user 227-2, a **user name**, a **user** address, a payment way of a communication fee and a user telephone number "Tel-No...

...a database of the user service server(Step P112). The information is

related to the **user name** , the **user** address, the payment way of the communication fee, the user telephone number "Tel-No-2...the telephone domain name server is inquired as to the telephone number of the individual **user** , the telephone domain **name** server responds both the external IP address and the internal IP address, and also sets...

...the destination telephone number. Then, the table administration server sets these IP addresses to the **network** node apparatus on the transmission side and the network node apparatus on the destination side ...

17/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01253911

**Internet facsimile apparatus and address input method**

**Internetfaksimilegerat und Adresseeingabeverfahren**

**Dispositif de telecopie internet et procede d'entree d'adresse**

PATENT ASSIGNEE:

MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., (443933), 3-8,  
Shimomeguro 2-chome,, Meguro-ku Tokyo 153-8687, (JP), (Applicant  
designated States: all)

INVENTOR:

Toyoda Kiyoshi, 1-10-31, Kita, Kunitachi-shi, Tokyo 186-0001, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1083732 A2 010314 (Basic)  
EP 1083732 A3 020123

APPLICATION (CC, No, Date): EP 2000103970 000225;

PRIORITY (CC, No, Date): JP 99243064 990830

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-001/00 ; H04L-012/18 ; H04L-012/58

ABSTRACT WORD COUNT: 61

NOTE:

Figure number on first page: 6

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200111	825
SPEC A	(English)	200111	3663
Total word count - document A			4488
Total word count - document B			0
Total word count - documents A + B			4488

INTERNATIONAL PATENT CLASS: H04N-001/00 ...

... H04L-012/18 ...

... H04L-012/58

...ABSTRACT A2

This **Internet facsimile** apparatus comprises a panel with a plurality of buttons, memory to store a default **domain name** , panel input control section that if a **user name** is input from said panel, adds said default **domain name** to said **user name** to create a mail

address and mail transmission processing section that transmits e-mail directed...

...SPECIFICATION needs to do is simply enter the FAX telephone number of the final destination.

An **Internet facsimile** apparatus according to a first aspect of the present invention comprises a panel with a plurality of buttons, memory to store a default **domain name**, panel input control section that when a **user name** is entered from the panel, adds the default **domain name** to the **user name** and generates a mail address and mail transmission processing section that transmits e-mail directed...

...therefore all that the operator needs to do is simply enter the user name.

An **Internet facsimile** apparatus according to a second aspect of the present invention comprises a panel with a plurality of buttons, memory to store a default **domain name**, decision section that when the input data from the panel does not include any "@", decides that the input data is the **user name**, panel input control section that when the decision section decides that the input data is a **user name**, adds the input data to the **user name** and generates a mail address and mail transmission processing section that transmits e-mail directed...

...directed to the relay request mail address.

In this configuration, when the operator enters the **user name** from the panel, the panel input control section adds the FAX telephone number to the...

...mail address, and therefore all that the operator needs to do is simply enter the **FAX** number.

An **Internet facsimile** apparatus according to a fourth aspect of the present invention comprises a panel with a...

...CLAIMS registration section(607) to register a default domain name in said memory(13).

9. The **Internet facsimile** apparatus according to claim 8, wherein said memory(13) stores the status of a domain flag that indicates that the default **domain name** to be linked with the **user name** entered is stored in said memory(13);  
said registration section(607) sets said domain flag...

17/3,K/3 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00939749 \*\*Image available\*\*

**WIRELESS COMMUNICATIONS METHODS AND SYSTEMS FOR LONG-CODE AND OTHER SPREAD SPECTRUM WAVEFORM PROCESSING**  
**SYSTEMES ET PROCEDES DE COMMUNICATIONS SANS FIL POUR LE TRAITEMENT DE FORMES D'ONDE A ETALEMENT DU SPECTRE ET DE FORMES D'ONDE LONG CODE**

Patent Applicant/Assignee:

MERCURY COMPUTER SYSTEMS INC, 199 Riverneck Road, Chelmsford, MA 01824,  
US, US (Residence), US (Nationality)

Inventor(s):

OATES John H, 59B Seaverns Bridge Road, Amherst, NH 03031, US,

Legal Representative:

POWSNER David J (et al) (agent), Nutter, McClennen & Fish LLP, One  
International Place, Boston, MA 02110-2699, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200273937 A2-A3 20020919 (WO 0273937)  
Application: WO 2002US8106 20020314 (PCT/WO US0208106)  
Priority Application: US 2001275846 20010314; US 2001289600 20010507; US  
2001295060 20010601

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 149462

...International Patent Class: H04L-027/00  
Fulltext Availability:  
Detailed Description

Detailed Description  
... a few symbols asynchronous.

The multi-patb combining function determines all distinct delay lags from  
**user** frames k- I and k. Each of these lags is assigned as a distinct  
multi...hardware implementation, processing an SF4 channel can I 0 result  
in reduced capability.

A S174 **user** can be processed on certain hardware channels. When one of  
these special channels is operating...FFT  
Ops calculation.

Input filter: could be done using FFT as well.

but for time **domain** processing: 8\*256 points, filter length 96 =>  
96 RMUL per point, 95 RADD per point...The users accessing the system  
will hereafter be referred to as pkysical users. Each physical **user** is  
regarded as a composition of virtual users. Each virtual user transmits a  
single bit...

...208  
(DPCCH)[3] and one for the Dedicated Physical Data CHannel (DPDCH). If  
the physical **user** is a data **user** with Spreading Factor (SF) less than  
256 then there are  $J = 256$  ISF data bits and...

...Ck[n] through a root-raisedcosine pulse shaping filter h[t]. If the kth  
virtual **user** corresponds to a data user with spreading factor less than  
256 then the code Ckbil...

...w[t] is receiver noise, y, [t] is the channel-corrupted signature  
waveform for virtual **user** k, L is the number of multipath components,  
and ak-q, are the complex multipath...yfin] for the inth symbol period.  
The matched-filter output ylfm], for the Ith virtual  
**user** can be written  
 $- rLnN, + fl,1 + inTj - c; [n] \quad (4)$   
y, [in] = Re q.1...

17/3,K/4 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT



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00764587      \*\*Image available\*\*

**METHOD AND APPARATUS FOR ENABLING A FACSIMILE MACHINE TO SEND AND RECEIVE E-MAIL**

**PROCEDE ET APPAREIL PERMETTANT A UN TELECOPIEUR D'ENVOYER ET DE RECEVOIR DU COURRIER ELECTRONIQUE**

Patent Applicant/Inventor:

MEIXLER Michael A, 68 Smithtown Road, Pipersville, PA 18947, US, US  
(Residence), US (Nationality)

Legal Representative:

BOLCSAK James W, Pepper Hamilton LLP, 3000 Two Logan Square, 18th & Arch  
Streets, Philadelphia, PA 19103, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200078035 A1 20001221 (WO 0078035)

Application: WO 2000US16106 20000609 (PCT/WO US0016106)

Priority Application: US 99138579 19990611

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK

DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13014

Main International Patent Class: **H04N-001/00**

Fulltext Availability:

Claims

Claim

... 17-19 and 21-27 amended;

remaining claims unchanged (12 pages)]

I A system for **facsimile** machine users and **Internet** e-mail users to  
exchange messages  
comprising:

a) at least one fax to e-mail...

...fax to e-mail system server receptive of facsimile messages from at  
least one incoming **fax** to e-mail **Internet** mail server. and

responsive to at least one outgoing **fax** to E-mail **internet** mail

server. each **fax** to E-mail system server comprising: means for

periodically querying each incoming **fax** to e-mail **Internet** mail

server to

determine if new messages have arrived:

means for fetching each new message from the incoming **fax** to e-mail

**Internet** mail

1 5 server:

means for determining if the incoming message contains a forwarded

facsimile...

...e-mail address, and

C;

means for sending the stored image file to the outgoing **fax** to e-mail  
**Internet** mail server.

using the recipient e-mail address, and

45

b). at least one e...

...to fax internet mail server, and responsive to at least one outgoing e-mail to **fax**  
**internet** mail server, each e-mail to fax system server comprising:  
 34  
 AMENDED SHEET (ARTICLE 19)  
 means for periodically querying each incoming e-mail to **fax Internet** mail server to  
 determine if new messages have arrived:  
 means for fetching each new e-mail message from the incoming, e-mail to **fax Internet** mail server;  
 means for constructing an image file from the text of each incoming e...M  
 C  
 means for parsing a string of the form "username@domainname" containing the message  
**recipient name** to derive the username,  
 means for determining if the username consists entirely of numeric characters...

...mail message addressed to the recipient'@ facsimile number concatenated to the symbol which precedes the **domain name** of an outgoing e-mail  
 :D IP  
 5 to fax mail server; and  
 means...

17/3,K/5 (Item 3 from file: 349)  
 DIALOG(R) File 349:PCT FULLTEXT  
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00744220 \*\*Image available\*\*

**APPARATUS AND METHOD FOR WEB FORWARDING**  
**DISPOSITIF ET PROCEDURE D'ACHEMINEMENT SUR INTERNET**

Patent Applicant/Assignee:

NETWORK SOLUTIONS INC, 505 Huntmar Park Drive, Herndon, VA 20170, US, US  
 (Residence), US (Nationality)

Inventor(s):

LU Chun-Ming, 21924 Cliff Haven Court, Sterling, VA 20164, US  
 LEE Vincent M, 42999 Cedar Springs Court, Ashburn, VA 20148, US

Legal Representative:

GARRETT Arthur S, Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.,  
 1300 I Street, N.W., Washington, DC 20005-3315, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200057611 A2 20000928 (WO 0057611)

Application: WO 2000US6930 20000317 (PCT/WO US0006930)

Priority Application: US 99125107 19990319; US 2000500639 20000209

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7165

Main International Patent Class: H04L-029/00  
Fulltext Availability:  
Claims

Claim

```
... If
REPORT .FAILURE UPDATE
414 416
END
FIG. 4
SUBSTITUTE SHEET (RULE 26)
/8
GET DOMAIN NAME ,
URI FROM USER
502
1
SEARCH DATA
FILE FOR URL
504
YES OCESSI
ERROR?
506
IN DEFAULT "UNDER...

...BUY MAILBOX(ES) ADDRESS2
CITY
DOMAIN NAMES STATE, ZIP
PHONE: 111 1111
171 JUNK.COM FAX :
612 INTERNET .NET EMAIL: NOBODY@NOWHERE.COM
INTEMIC.ORG
606 BUY WEB FORWARDING
CONF] URE WEB
608...

...DO
IS A BOX FOR YOU TO ENTE
tz WHICH THE FORWARDING I
FOR EACH DOMAIN NAME .
802 - 804
JUNK.Com
806
810
1,,INTERNIC.ORG
CLICK HERE TO SUBMIT
808
FIG...
```

17/3,K/6 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00443927

**A COMMUNICATION SYSTEM ARCHITECTURE**  
**ARCHITECTURE D'UN SYSTEME DE COMMUNICATION**  
Patent Applicant/Assignee:  
MCI WORLDCOM INC,  
EASTEP Guido M,  
LITZENBERGER Paul R,

OREBAUGH Shannon R,  
ELLIOTT Isaac K,  
STELLE Rick,  
SCHRAGE Bruce,  
BAXTER Craig A,  
ATKINSON Wesley,  
KNOSTMAN Chuck,  
CHEN Bing,  
VANDERSLUIS Kristan,

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9834391 A2 19980806  
Application: WO 98US1868 19980203 (PCT/WO US9801868)  
Priority Application: US 97794555 19970203; US 97794114 19970203; US  
97794689 19970203; US 97807130 19970210; US 97798208 19970210; US  
97795270 19970210; US 97797964 19970210; US 97800243 19970210; US  
97798350 19970210; US 97797445 19970210; US 97797360 19970210

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML  
MR NE SN TD TG

Publication Language: English  
Fulltext Word Count: 156226

...International Patent Class: H04L-012/64 ...

... H04L-029/06

Fulltext Availability:  
Detailed Description

Detailed Description

... Intranet to an internet gateway directly connected to a PBX.

Figure 14 illustrates a VNET **Personal** Computer (PC) to in-network Phone Information call flow in accordance with a preferred embodiment... control, can introduce problems within the MCI network since signaling messages are shared between the **networks** . As well, MCI voice traffic which terminates in the specified LATA can be affected by...which runs on the Reporting server 304, stores SNMS-processed data and provides reports.

Standardized **Network** Element (NE) Event Records 914 are received with location specific time stamps. In step 902...

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00432616

**A COMMUNICATION SYSTEM ARCHITECTURE**

**SYSTEME, PROCEDE ET PRODUIT MANUFACTURE POUR L'ARCHITECTURE D'UN SYSTEME DE  
COMMUNICATION**

Patent Applicant/Assignee:

MCI COMMUNICATIONS CORPORATION,  
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GALVIN Thomas J,  
LAFRENIERE Lawrence L,  
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MARSHALL David D,  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 9823080 A2 19980528

Application: WO 97US21174 19971114 (PCT/WO US9721174)

Priority Application: US 96751203 19961118; US 96751668 19961118; US 96752271 19961118; US 96758734 19961118; US 96751209 19961118; US 96751661 19961118; US 96752236 19961118; US 96752487 19961118; US 96752269 19961118; US 96751923 19961118; US 96751658 19961118; US 96752552 19961118; US 96751933 19961118; US 96751663 19961118; US 96746899 19961118; US 96751915 19961118; US 96752400 19961118; US 96751922 19961118; US 96751961 19961118

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 168195

International Patent Class: H04L-012/56 ...

... H04N-007/14 ...

... H04L-029/06

Fulltext Availability:

Detailed Description

Detailed Description

... capable of making video "calls" to each other when connected to some type of computer **network** .

However, most people only have access to a computer network by making a call from...

?

23/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00830299 \*\*Image available\*\*

**FAXING PAPER DOCUMENTS TO A PLURALITY OF ADDRESS TYPES**  
**SYSTEME DE TELECOPIE D'UN DOCUMENT PAPIER VERS PLUSIEURS TYPES DE**  
**DESTINATAIRES ET D'ADRESSES**

Patent Applicant/Inventor:

MARSHALL Geoffrey, P.O. Box 1118, New York, NY 10113-1118, US, US  
(Residence), GB (Nationality)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200163906 A2-A3 20010830 (WO 0163906)

Application: WO 2001US5707 20010223 (PCT/WO US0105707)

Priority Application: US 2000184764 20000224

Designated States: JP US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 13910

Fulltext Availability:

Detailed Description

Detailed Description

... the possibility of broadcasting Document 6, without any restrictions,  
to any of the millions of **fax** machines and **Internet addresses**  
worldwide.

**Fax** machine users tend to be uncomfortable with email for two reasons,  
confirmation of receipt and...

?

26/3,K/1 (Item 1 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00952564 \*\*Image available\*\*

**METHOD FOR LINKING TWO INFORMATION TYPES**

**PROCEDE DESTINE A RELIER DEUX TYPES D'INFORMATIONS**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200286703 A1 20021031 (WO 0286703)

Application: WO 2002SE742 20020412 (PCT/WO SE0200742)

Priority Application: SE 20011345 20010417

Designated States: AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY  
BZ CA CH CN CO CR CU CZ (utility model) CZ DE (utility model) DE DK  
(utility model) DK DM DZ EC EE (utility model) EE ES FI (utility model)  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK  
(utility model) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: Swedish

Fulltext Word Count: 8598

Fulltext Availability:

Claims

Claim

... e.g. various phone numbers, e-mail ad  
dresses, SMS numbers, fax numbers, mailing addresses,  
**Internet addresses**, WAP addresses, etc. Advantageously,  
address objects can be linked directly to an image/a  
photo or a sound, which gives extra information about the  
current **addressee**. As is evident from the description, it  
is also possible to link other objects.  
Apart...the  
entry time in the main menu, selectable alternatives and  
available objects stored in the **memory** regardless of information type  
are presented, step 202. The available objects are presented sorted by...  
selected item of infor  
mation is an address of a web page on the Internet, **URL**,  
or if it is an address of a wap page, step 432, the phone  
switches...selected item of information.  
The process in step 402 will now be described. If  
the **user** marks a **name**, step 438, and selects delete, step  
408, the object containing the marked name field is de  
leted, step 440. However, if the **user** marks a **name**, step  
438, and selects open, the process proceeds to step 414  
and presents name ...512, and  
then selects "delete", step 508, the current image object  
is erased from the **memory**, step 518. If the user marks an



5 image/a time, step 512, and then...612, and then selects "delete", step 608, the current sound object is deleted from the **memory**, step 618. If the user marks a sound/time, step 612, and then selects "use..."

26/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00836144 \*\*Image available\*\*

**NETWORKED INTERACTIVE TOY SYSTEM**

**SYSTEME DE JOUETS INTERACTIFS EN RESEAU**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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GABAI Jacob, 14 Klee Street, 62336 Tel Aviv, IL, IL (Residence), IL (Nationality), (Designated only for: US)

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VECHT-LIFSCHITZ Susan Eve, c/o Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot, IL, IL (Residence), IL (Nationality), (Designated only for: US)

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Legal Representative:

SANFORD T COLB & CO (agent), COLB, Sanford, T. , P.O. Box 2273, 76122 Rehovot (et al), IL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200169830 A2-A3 20010920 (WO 0169830)

Application: WO 2001IL248 20010314 (PCT/WO IL0100248)

Priority Application: US 2000189914 20000316; US 2000189915 20000316; US 2000189916 20000316; US 2000190874 20000321; US 2000191300 20000321; US 2000192011 20000324; US 2000192012 20000324; US 2000192013 20000324; US 2000192014 20000324; US 2000193697 20000331; US 2000193699 20000331; US 2000193702 20000331; US 2000193703 20000331; US 2000193704 20000331; US 2000195861 20000407; US 2000195862 20000407; US 2000195863 20000407; US 2000195864 20000407; US 2000195865 20000407; US 2000195866 20000407; US 2000196227 20000410; US 2000197573 20000417; US 2000197576 20000417; US 2000197577 20000417; US 2000197578 20000417; US 2000197579 20000417; US 2000200508 20000428; US 2000200513 20000428; US 2000200639 20000428; US 2000200640 20000428; US 2000200641 20000428; US 2000200647 20000428; US 2000203175 20000508; US 2000203177 20000508; US 2000203182 20000508; US 2000203244 20000508; US 2000204201 20000515; US 2000204200 20000515; US 2000207126 20000525; US 2000207128 20000525; US 2000208105 20000526; US 2000208390 20000530; US 2000208391 20000530; US 2000208392 20000530; US 2000209471 20000605; US 2000210443 20000608; US 2000210445 20000608; US 2000212696 20000619; US 2000215360 20000630; US 2000216237 20000705; US 2000216238 20000705; US 2000217357 20000712; US 2000219234 20000718; US 2000220276 20000724; US 2000221933 20000731; US 2000223877 20000808; US 2000227112 20000822; US 2000229371 20000830; US 2000229648 20000831; US 2000231105 20000908; US 2000231103 20000908; US 2000234883 20000925; US 2000234895 20000925; US 2000239329 20001010; US 2000253362 20001127; US 2000250332 20001129; US 2000254699 20001211; US 2001267350 20010208

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 189040

Fulltext Availability:

Detailed Description

Detailed Description

... on the Internet which are programmed to respond to such a contact by providing the **internet address** of one or more computers which control the toy's operation; Fig. 268 is a...

26/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806384

**NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND METHOD THEREOF**

**GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE**

Patent Applicant/Assignee:

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(Residence), US (Nationality)

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200139030 A2 20010531 (WO 0139030)

Application: WO 2000US32324 20001122 (PCT/WO US0032324)

Priority Application: US 99444775 19991122; US 99447621 19991122

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK

DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR

TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 171499

Fulltext Availability:

Detailed Description

Detailed Description

... of processes, as well as measurement tools to determine the success of such consolidation. The **network** architecture roadmap and business blueprint will act as the foundation to ensure that during the...

26/3,K/4 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00784138

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST BATCHER IN A  
TRANSACTION SERVICES PATTERNS ENVIRONMENT  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR MODULE DE MISE EN LOTS DES  
REQUETES DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES  
TRANSACTIONNELS

Patent Applicant/Assignee:

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Legal Representative:

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Mills Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116733 A2-A3 20010308 (WO 0116733)

Application: WO 2000US23885 20000831 (PCT/WO US0023885)

Priority Application: US 99387575 19990831

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK

DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR

TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150393

Fulltext Availability:

Detailed Description

Detailed Description

... lived flows continue to be routed through traditional store-andforward  
transfer.

180

Tag Switching - Like IP Switching, emerging Tag Switching technology  
also improves network throughput for IP data streams. Tag Switching...

...configured to handle legacy mainframe traffic (SNA) in front of other  
traffic (e.g., TCP/ IP ). A similar technique is the use of prioritized  
circuits within Frame Relay, in which the...oriented, components,  
structured programming, etc. however each of these techniques include,  
although perhaps not by name , the concepts of. Interface, Application  
Logic, and Data Abstraction. Figure 33 depicts the various components...a  
PC workstation would initially think in terms of logical components such  
as Disk Storage, Memory , Display, etc. These are analogous to Business  
255

Components. At some point in the design...

...designer might use generic parts in the design of the Disk Controller  
Card, such as Memory Chips for cache, Bus Adapters, etc. These are  
analogous to Engineering Components.

29/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01430422

Accessing a telephone number  
Zugriff eines Telefonnummer  
Acces a un numero de telephone

PATENT ASSIGNEE:

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94304, (US), (Applicant designated States: all)

INVENTOR:

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Seaborne, Andrew Franklin, 1 Shipley Road, Bristol BS9 3HR, (GB)

LEGAL REPRESENTATIVE:

Squibbs, Robert Francis et al (36277), Hewlett-Packard Limited IP Section  
Building 3 Filton Road, Stoke Gifford Bristol BS34 8QZ, (GB)

PATENT (CC, No, Kind, Date): EP 1207704 A2 020522 (Basic)  
EP 1207704 A3 020918

APPLICATION (CC, No, Date): EP 2002000568 961211;

PRIORITY (CC, No, Date): GB 9603590 960220

DESIGNATED STATES: DE; FR; GB

RELATED PARENT NUMBER(S) - PN (AN):

EP 876733 (EP 96941768)

INTERNATIONAL PATENT CLASS: H04Q-003/00; H04L-029/06

ABSTRACT WORD COUNT: 141

NOTE:

Figure number on first page: 11

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200221	470
SPEC A	(English)	200221	18330
Total word count - document A			18800
Total word count - document B			0
Total word count - documents A + B			18800

...SPECIFICATION can be sent over the public Internet, the receiving entity being intended to forward the **fax** over the local telephone **network** to the destination **fax** machine. This procedure involves parsing the destination fax number into a **domain name** by treating each digit as a separate **domain name** label. For each such **domain name**, the **domain name** system holds a standard MX resource record containing a corresponding email address.

It is an...

29/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01430421

Accessing communications data  
Zugriff zu Kommunikationsdateien  
Acces a des donnees de communication

PATENT ASSIGNEE:

Hewlett-Packard Company, (206037), 3000 Hanover Street, Palo Alto, CA

94304, (US), (Applicant designated States: all)  
INVENTOR:  
Low, Colin, 19 Parklands, Wotton-under-Edge, Gloucestershire GL 12 7LT,  
(GB)  
Seaborne, Andrew Franklin, 1 Shipley Road, Bristol BS9 3HR, (GB)  
LEGAL REPRESENTATIVE:  
Squibbs, Robert Francis et al (36277), Hewlett-Packard Limited IP Section  
Building 3 Filton Road, Stoke Gifford Bristol BS34 8QZ, (GB)  
PATENT (CC, No, Kind, Date): EP 1207703 A2 020522 (Basic)  
EP 1207703 A3 020918  
APPLICATION (CC, No, Date): EP 2002000567 961211;  
PRIORITY (CC, No, Date): GB 9603590 960220  
DESIGNATED STATES: DE; FR; GB  
RELATED PARENT NUMBER(S) - PN (AN):  
EP 876733 (EP 96941768)  
INTERNATIONAL PATENT CLASS: H04Q-003/00; H04L-029/06  
ABSTRACT WORD COUNT: 156  
NOTE:  
Figure number on first page: 11

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200221	898
SPEC A	(English)	200221	18335
Total word count - document A			19233
Total word count - document B			0
Total word count - documents A + B			19233

...SPECIFICATION can be sent over the public Internet, the receiving entity being intended to forward the **fax** over the local telephone **network** to the destination **fax** machine. This procedure involves parsing the destination fax number into a **domain name** by treating each digit as a separate **domain name** label. For each such **domain name**, the **domain name** system holds a standard MX resource record containing a corresponding email address.  
It is an...

29/3,K/3 (Item 3 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01405650

**Communication apparatus with relay function and relay method**  
**Übertragungsvorrichtung mit Relaisfunktion und Relaisverfahren**  
**Dispositif de communication avec une fonction de relais et methode de relais**

PATENT ASSIGNEE:

Matsushita Graphic Communication Systems, Inc., (2412271), 3-8,  
Shimomeguro 2-chome, Meguro-ku, Tokyo 153-0064, (JP), (Applicant  
designated States: all)

INVENTOR:

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Okada, Kumi Matsushita Graph. Commun. Systems Inc., 3-8, Shimomeguro  
2-chome, Meguro-ku, Tokyo 153-0064, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhäusser Anwaltssozietat (100721)  
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PATENT (CC, No, Kind, Date): EP 1189398 A1 020320 (Basic)

APPLICATION (CC, No, Date): EP 2001119857 980528;  
PRIORITY (CC, No, Date): JP 97163277 970605  
DESIGNATED STATES: DE; FR; GB  
RELATED PARENT NUMBER(S) - PN (AN):  
EP 924903 (EP 98921850)  
INTERNATIONAL PATENT CLASS: H04L-012/58; H04N-001/00; G06F-013/00  
ABSTRACT WORD COUNT: 79

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(German)	200212	539
SPEC A	(English)	200212	2839
Total word count - document A			3378
Total word count - document B			0
Total word count - documents A + B			3378

...SPECIFICATION abused even if the public mail address is disclosed.

FIG.6 shows the configuration of **domain name** table 232. As shown in FIG.6, **domain name** table 232 in RAM 203 contains domain names for which the relay processing is permitted. The relay processing is permitted as long as the same **domain name** of a requesting node in the received data is found in the registered domain names. This control allows the security of the **Internet facsimile** used as the relay apparatus to be maintained.

Then, the relay operation of the relay...Since only domain names of terminals for which the relay is permitted are registered in **domain name** table 232, the data from the requesting node with the **domain name** that does not match the **domain name** registered in **domain name** table 232 is not relayed, resulting in an error (S708). This prevents the **Internet facsimile** from being abused as the relay apparatus without permission even in the case that the...

...disclosed to users unauthorized to perform the relay processing.

Furthermore, for reasons specific to relaying **Internet facsimile** 14, if the number of domains available or **domain name** is to be restricted, arrangements can easily be made by only changing the **domain name** registered in **domain name** table 232.

On the other hand, if the same domain name of the requesting node...

29/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01068923

Communication apparatus and communication method

Kommunikationsgerat und Kommunikationsverfahren

Dispositif de communication et procede de communication

PATENT ASSIGNEE:

Matsushita Graphic Communication Systems, Inc., (2412271), 3-8,  
Shimomeguro 2-chome, Meguro-ku, Tokyo 153-0064, (JP), (Applicant  
designated States: all)

INVENTOR:

Ogawa, Hidehiko, 288-103, Kawakami-cho, Totsuka-ku, Yokohama-shi,  
Kanagawa 244-0805, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)

, Maximilianstrasse 58, 80538 Munchen, (DE)  
PATENT (CC, No, Kind, Date): EP 940967 A2 990908 (Basic)  
EP 940967 A3 001011  
APPLICATION (CC, No, Date): EP 99103790 990226;  
PRIORITY (CC, No, Date): JP 9866226 980302  
DESIGNATED STATES: DE; FR; GB  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: H04N-001/00; H04N-001/327  
ABSTRACT WORD COUNT: 115  
NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9936	773
SPEC A	(English)	9936	3231
Total word count - document A			4004
Total word count - document B			0
Total word count - documents A + B			4004

...SPECIFICATION the file storage area 33.

In addition, FIG.6 is a schematic diagram illustrating the **domain name** management table 32. In the **domain name** management table 32, a **domain name** that is not necessary to be cyphered in transmitting the request file data, for example, a **domain name** belonging to the same fire wall as the **internet facsimile** apparatus 5 is registered.

Next, a polling transmission procedure in the internet facsimile apparatus 5...

...request file data.

In addition, since the protection type can be decided based on a **domain name** of a sender side mail address of <reverse-path> in the MAIL command using the **domain name** management table 32 so as to protect request file data corresponding to the decision result illustrated in FIG. 8, the **internet facsimile** apparatus 81 transmits request file data without cyphering when a polling request is performed from...

...apparatus 84 that are in the same fire wall 82. On the other hand, the **internet facsimile** apparatus 81 transmits a request file cyphering or refuses to a polling request when the polling request is performed from a PC 85 and an **internet facsimile** apparatus 86 out of the fire wall 82. According to the embodiment of the present...

29/3,K/5 (Item 5 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01015472

COMMUNICATION DEVICE WITH RELAYING FUNCTION AND RELAYING METHOD  
UBERTRAGUNGSVORRICHTUNG MIT WEITERGABEFUNKTION UND WEITERGABEVERFAHREN  
DISPOSITIF DE COMMUNICATION POURVU D'UNE FONCTION DE RETRANSMISSION, ET  
PROCEDE DE RETRANSMISSION

PATENT ASSIGNEE:

Matsushita Graphic Communication Systems, Inc., (2412271), 3-8,  
Shimomeguro 2-chome, Meguro-ku, Tokyo 153-0064, (JP), (Proprietor  
designated states: all)

INVENTOR:

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OKADA, Kumi, c/o Matsushita Graphic Comm. Systems Inc., 3-8Shimomeguro  
2chome Meguro-ku 153-0064, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 924903 A1 990623 (Basic)  
EP 924903 B1 020508  
WO 9856145 981210

APPLICATION (CC, No, Date): EP 98921850 980528; WO 98JP2343 980528

PRIORITY (CC, No, Date): JP 97163277 970605

DESIGNATED STATES: DE; FR; GB

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1189398 (EP 2001119857)

INTERNATIONAL PATENT CLASS: H04L-012/58; H04N-001/00; G06F-013/00

ABSTRACT WORD COUNT: 79

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199925	585
CLAIMS B	(English)	200219	504
CLAIMS B	(German)	200219	453
CLAIMS B	(French)	200219	651
SPEC A	(English)	199925	2850
SPEC B	(English)	200219	3002
Total word count - document A			3435
Total word count - document B			4610
Total word count - documents A + B			8045

...SPECIFICATION abused even if the public mail address is disclosed.

FIG.6 shows the configuration of **domain name** table 233. As shown in FIG. 6, **domain name** table 233 in RAM 203 contains domain names for which the relay processing is permitted. The relay processing is permitted as long as the same **domain name** of a requesting node in the received data is found in the registered domain names. This control allows the security of the **Internet facsimile** used as the relay apparatus to be maintained.

Then, the relay operation of the relay...Since only domain names of terminals for which the relay is permitted are registered in **domain name** table 232, the data from the requesting node with the **domain name** that does not match the **domain name** registered in **domain name** table 232 is not relayed, resulting in an error (S708). This prevents the **Internet facsimile** from being abused as the relay apparatus without permission even in the case that the...

...disclosed to users unauthorized to perform the relay processing.

Furthermore, for reasons specific to relaying **Internet facsimile** 14, if the number of domains available or **domain name** is to be restricted, arrangements can easily be made by only changing the **domain name** registered in **domain name** table 232.

On the other hand, if the same domain name of the requesting node...

...that it is a relay mail address. The fixed form portion specified by the IETF ( **Internet** Engineering Task Force) is " **FAX** =" and since it follows a standardized procedure, everybody can know it.

Fixed form portion = transfer destination telephone number@ **domain name**

When carrying out relay processing by recognizing the standardized relay mail address, the mail is...



...SPECIFICATION abused even if the public mail address is disclosed.

FIG.6 shows the configuration of **domain name** table 232. As shown in FIG.6, **domain name** table 232 in RAM 203 contains domain names for which the relay processing is permitted. The relay processing is permitted as long as the same **domain name** of a requesting node in the received data is found in the registered domain names. This control allows the security of the **Internet facsimile** used as the relay apparatus to be maintained.

Then, the relay operation of the relay...Since only domain names of terminals for which the relay is permitted are registered in **domain name** table 232, the data from the requesting node with the **domain name** that does not match the **domain name** registered in **domain name** table 232 is not relayed, resulting in an error (S708). This prevents the **Internet facsimile** from being abused as the relay apparatus without permission even in the case that the...

...disclosed to users unauthorized to perform the relay processing.

Furthermore, for reasons specific to relaying **Internet facsimile** 14, if the number of domains available or **domain name** is to be restricted, arrangements can easily be made by only changing the **domain name** registered in **domain name** table 232.

On the other hand, if the same domain name of the requesting node...

...that it is a relay mail address. The fixed form portion specified by the IETF ( **Internet** Engineering Task Force) is " **FAX** =" and since it follows a standardized procedure, everybody can know it.

Fixed form portion = transfer destination

telephone number@ **domain name**

When carrying out relay processing by recognizing the standardized relay mail address, the mail is...

29/3,K/6 (Item 6 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00989756

**System for linking fax and e-mail**

**System zur Verbindung zwischen elektronischen Post und Fax-Nachrichten**

**Systeme pour lier des donnees fac-similes et du courrier electronique**

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542362), 30-2, Shimomaruko 3-chome, Ohta-ku  
Tokyo 146-8501, (JP), (Applicant designated States: all)

INVENTOR:

Sekiguchi, Kenzo, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome,  
Ohta-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Pellmann, Hans-Bernd, Dipl.-Ing. et al (9227), Patentanwaltsburo  
Tiedtke-Buhling-Kinne & Partner Bavariaring 4-6, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 895390 A2 990203 (Basic)  
EP 895390 A3 031210

APPLICATION (CC, No, Date): EP 98114426 980731;

PRIORITY (CC, No, Date): JP 97207927 970801

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-029/06; H04L-012/58; H04N-001/00

ABSTRACT WORD COUNT: 105

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9905	1631
SPEC A	(English)	9905	5286
Total word count - document A			6917
Total word count - document B			0
Total word count - documents A + B			6917

...SPECIFICATION of this embodiment are connected to a local area network (LAN) 1-5 (e.g., **domain name** "ccc.dd.ee"), and are assigned postoffices with a directory structure shown in Fig. 7...

...facsimile-communicate with a general remote facsimile apparatus 1-11 connected to the public telephone **network** .

Furthermore, the e-mail **facsimile** apparatus 1-8 of this embodiment is connected to an Internet/intranet 1-13 via...

...mentioned terminals on the LAN 1-5, and an Internet FAK apparatus (e.g., host **domain name** "intfax.zzz.aa") 1-15 and e-mail server (e.g., host **domain name** "farmachine.xxx.yy") 1-14 connected to the Internet/intranet. In such communications, a DNS server 1-4 having a function of converting the host **domain name** of the destination into an IP address or vice versa is used.

Fig. 6 is...

29/3,K/7 (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00916127

**Internet facsimile machine**

**Internet-Faksimilegerat**

**Dispositif de fac-simile-Internet**

PATENT ASSIGNEE:

Ricoh Company, Ltd., (209036), 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143, (JP), (Applicant designated States: all)

INVENTOR:

Mori, Yukikazu, 1529-1-108, Nakashinden, Ebina-shi, Kanagawa, (JP)

LEGAL REPRESENTATIVE:

Schwabe, Hans-Georg, Dipl.-Ing. (10921), Patentanwalte Schwabe, Sandmair, Marx Stuntzstrasse 16, 81677 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 836315 A2 980415 (Basic)

EP 836315 A3 000105

APPLICATION (CC, No, Date): EP 97117487 971009;

PRIORITY (CC, No, Date): JP 96287250 961011; JP 96291301 961015

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: H04N-001/32; H04N-001/00

ABSTRACT WORD COUNT: 95

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9816	3252

SPEC A (English) 9816 12862  
Total word count - document A 16114  
Total word count - document B 0  
Total word count - documents A + B 16114

...SPECIFICATION so that the corresponding mail address (which is equivalent to a user address of an **Internet** user) of the **Internet facsimile** machines can be easily recognized. The host name is converted into a corresponding IP address by a **Domain Name** System (DNS; see RFC1034 and RFC1035) server provided in each domain to manage a table...

29/3,K/8 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00747896

**MULTISERVER FOR PROVIDING INTEGRATED COMPUTER SERVICES**

**MULTISERVEUR FOURNISSANT DES SERVICES INFORMATIQUES INTEGRES**

Patent Applicant/Assignee:

NTK COM CORPORATION, Suite 207, 5710 Timberlea Boulevard, Mississauga, Ontario L4W 4W1, CA, CA (Residence), CA (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

DICK Andrew, 11 Sherwood Forest Drive, Markham, Ontario L3P 1P5, CA, CA (Residence), CA (Nationality), (Designated only for: US )

BAULCH Jeff, 52 Spragg Circle, Markham, Ontario L3P 5W2, CA, CA (Residence), CA (Nationality), (Designated only for: US )

KIRCHKNOPF John, 525 Meadows Boulevard, Unit No. 35, Mississauga, Ontario L4Z 1H2, CA, CA (Residence), CA (Nationality), (Designated only for: US )

BONI Brian, 558 Scarlett Road, Toronto, Ontario M0P 2S2, CA, CA (Residence), CA (Nationality), (Designated only for: US )

Legal Representative:

BERESKIN & PARR, 40th floor, 40 King Street West, Toronto, Ontario M5H 3Y2, CA

Patent and Priority Information (Country, Number, Date):

Patent: WO 200060451 A2 20001012 (WO 0060451)

Application: WO 2000CA348 20000331 (PCT/WO CA0000348)

Priority Application: US 99127609 19990401

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 32205

Fulltext Availability:

Claims

Claim

... 11--@ip-server ma 11 Firewall I

Ln 304 Change Primary Domain Info

V)

Primary Domain Name : MultiServer Name :

ntk.com

Public Web Server Name:  
M www FTP Server Name:  
M Private Web Server...

...www VIP  
e-emotion,com www vip  
e-transition,cop  
p www VIP  
fccr,cot  
www auto  
340-\*@k  
----!F-printServer Fax Serve@ ]F Admin  
sers & Grou@sIFFile Server  
MultiServer Fu  
Is On Line  
-ifp-server mail...

29/3,K/9 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00578010 \*\*Image available\*\*

**METHOD AND APPARATUS FOR CORRELATING A UNIQUE IDENTIFIER, SUCH AS A PSTN  
TELEPHONE NUMBER, TO AN INTERNET ADDRESS TO ENABLE COMMUNICATIONS OVER  
THE INTERNET**

**PROCEDE ET APPAREIL DE CORRELATION D'UN IDENTIFICATEUR UNIQUE, TEL QU'UN  
NUMERO DE TELEPHONE RTPC, A UNE ADRESSE INTERNET POUR PERMETTRE DES  
COMMUNICATIONS SUR L'INTERNET**

Patent Applicant/Assignee:

RANALLI Douglas J,  
SOSNOWSKI Thomas P,  
PEEK David P,

Inventor(s):

RANALLI Douglas J,  
SOSNOWSKI Thomas P,  
PEEK David P,

Patent Applicant/Inventor:

RANALLI Douglas J, 90 Raymond Street, Cambridge, MA 02140, US, US  
(Residence), US (Nationality)  
SOSNOWSKI Thomas P, 58 Sears Road, Wayland, MA 01778, US, US (Residence),  
US (Nationality)  
PEEK David P, 13 Village Drive, Atkinson, NH 03811, US, US (Residence),  
US (Nationality)

Legal Representative:

HENDRICKS Therese A (agent), Wolf, Greenfield & Sacks, P.C., 600 Atlantic  
Avenue, Boston, MA 02210, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200041383 A1 20000713 (WO 0041383)  
Application: WO 99US29171 19991208 (PCT/WO US9929171)  
Priority Application: US 99226901 19990108

Designated States: AU CA CN JP KR MX

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 12464

Fulltext Availability:

Detailed Description

Detailed Description

... DS for multiple Internet-enabled communication systems.

The multiple communication systems may include, for example, **Internet** enabled PBX, voicemail, **fax**, unified messaging, and remote printing systems. Each of these systems may contact the directory service using one or more different protocols, such as Lightweight Directory Access Protocol (LDAP) or **Domain Name** System (DNS), to resolve the registered unique identifier to an associated Internet address.

According to...

29/3,K/10 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00456834 \*\*Image available\*\*

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR SWITCHED TELEPHONY COMMUNICATION**  
**SYSTEME PROCEDE ET ARTICLE CONCU POUR LES COMMUNICATIONS TELEPHONIQUES PAR RESEAU COMMUTE**

Patent Applicant/Assignee:

MCI WORLDCOM INC,

Inventor(s):

ZEY David A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9847298 A2 19981022

Application: WO 98US7927 19980415 (PCT/WO US9807927)

Priority Application: US 97835789 19970415; US 97834320 19970415

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK  
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN  
TD TG

Publication Language: English

Fulltext Word Count: 156638

Fulltext Availability:

Detailed Description

Detailed Description

... a firewall 1905 to the Internet

1910 via an Ethernet or other network connection. A **domain name** system

1906 maps names to IP addresses in the Internet 1910. Individual systems for billing...ser-vices in order to route calls to PCs.

Dir Svc 1 Dir Svc 2 **Internet** Directory Services. The directory service performs: Call routing - As calls are made to subscribers using

...

29/3,K/11 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00397768 \*\*Image available\*\*

**PACKET TELEPHONE SYSTEM**

**SYSTEME TELEPHONIQUE A PAQUETS**

Patent Applicant/Assignee:

AT & T CORP,

Inventor(s):

FRASER Alexander Gibson,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9738511 A2 19971016

Application: WO 97US4518 19970320 (PCT/WO US9704518)

Priority Application: US 96627659 19960404

Designated States: CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 15015

Fulltext Availability:

Detailed Description

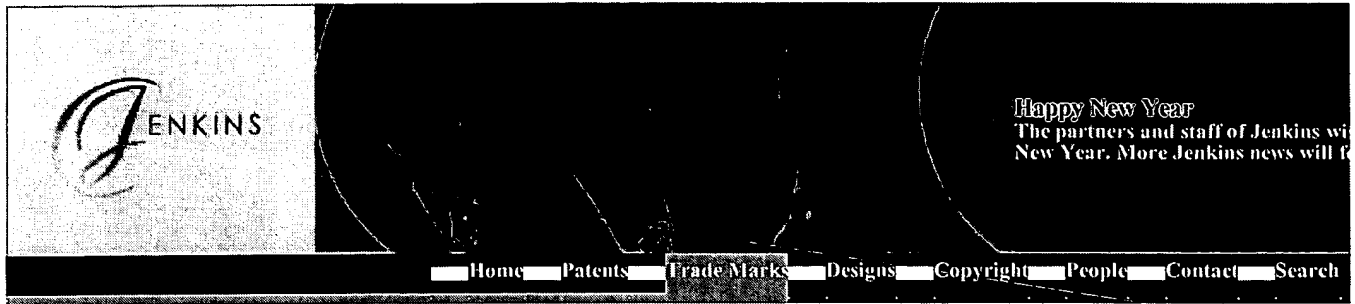
Detailed Description

... to the device specified by the subdomain names.

For example, the user might have a **fax** machine connected to **network** I 0 interface unit II 3 as well as a telephone. When the user connects the fax machine. interface unit I 1 3 assigns a **domain name** , for example, F, to it.

Someone who wishes to send a fax to that fax...

?

[Print Page](#)

## COURT DIARY

### The Correct Choice Of a Domain Name

A recently reported UK case (*eFax.com Inc. v. Oglesby*) illustrates the dangers of choosing a relatively descriptive domain name.

In February 1999, eFax.com, a US based computer hardware supplier, introduced a new Internet based service. This was the automatic conversion of faxes to e-mails. Subscribers to this (free) service first logged onto the US company's website at [www.efax.com](http://www.efax.com) and were then allocated a US telephone number for use as their "efax number". Faxes sent to that number were automatically converted into digital form and forwarded to the subscriber's e-mail address, where they were received in e-mail form. The service, which relied on advertising at its website to raise revenue, was an immediate success. By September 1999, there were over 1.4 million subscribers worldwide, with about 17,000 in the UK, 5,000 of whom had actually used the service.

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Legal Notice

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The disadvantage of the original eFax service to UK subscribers was that each fax message sent involved the cost of a telephone call to the US.

In November 1999 therefore, following an extensive advertising campaign, eFax.com relaunched its service in the UK, allowing UK subscribers to choose UK telephone numbers.

At the same time as their initial launch in February 1999, eFax.com had also made enquiries with a view to acquiring the UK domain name [efax.co.uk](http://efax.co.uk). However, they found that it was already owned by Mark Oglesby. Mr Oglesby had originally acquired the [efax.co.uk](http://efax.co.uk) domain name in February 1998. He offered a number of services at his website, one of which was the manual (by retyping) conversion of e-mail messages into faxes and vice versa. He made a charge for this service to the few (nine) customers that he had. From about mid-1998 onwards, Mr Oglesby also began funding the development of an automated e-mail/fax conversion service. Having discovered that [efax.co.uk](http://efax.co.uk) had already been registered, the US company approached Mr Oglesby with an offer to purchase the UK domain name. However, the offer was declined. Rather than selling the name, Mr Oglesby preferred to continue his own automated service and by September 1999, he had produced a working system and had signed up his first paying customer. The revised [www.efax.co.uk](http://www.efax.co.uk) website went online at the beginning of October 1999.

Having been rebuffed in February 1999, the US company made two further approaches to Mr Oglesby, but on both occasions their offers to purchase the UK domain name were turned down. eFax.com then decided to take a legal rather than commercial approach to the problem and, after the usual round of letters before action, they issued proceedings in November 1999. In these proceedings, they sought a preliminary injunction restraining Mr Oglesby from using the trade mark eFax in relation to an automated internet based fax to e-mail and voice to e-mail unified messaging service.

The Judge (Mr Parker) having decided that damages would not be an adequate remedy for either party then considered where the balance of convenience lay and, in view of that, whether or not the preliminary injunction requested was justified. Mr Parker made the following observations,

- The US company effectively came to the UK market in November 1999 when they made UK telephone numbers available to UK subscribers. By that date, Mr Ogelsby's automated fax to e-mail service had been available to the UK public for two months at his [efax.co.uk](http://efax.co.uk) website.
- On the evidence before the Court, there was considerable force in the submission that the word "efax" is essentially descriptive and that it is already widely used on the Internet to denote a unified messaging service combining fax and e-mail.
- For the purposes of a passing off action, the only confusion which is relevant is that which results from a misrepresentation by the defendant.
- Quoting from the Office Cleaning Services case (1945 (63) RPC 39), "where a trader adopts words in common use for his trade name, some risk of confusion is inevitable. But that risk must be run unless the first user is allowed unfairly to monopolise the words".
- To the extent that eFax is descriptive of and generic in relation to the defendant's business, the use of it by the defendant in relation to his business cannot amount to a misrepresentation or deception and any resulting confusion from mere description cannot be relied on in support of the claim in passing off.
- Any confusion which may result from the fact that both the US company and Mr Ogelsby are offering similar services in the UK under the name eFax will in all likelihood be attributable to the descriptive nature of that name rather than to any misrepresentation by the defendant. The fact that Mr Ogelsby charges for his service (and [eFax.com](http://eFax.com) does not), together with the different appearances of the two websites, should indicate to a visitor to the [efax.co.uk](http://efax.co.uk) website that the defendant's services are not those associated with the US company.

On this basis, the Judge refused the preliminary injunction requested and allowed Mr Ogelsby to continue running his UK domain name pending the full Court Hearing of the passing off action.

#### Comment

In his evidence in this case, Mr Ogelsby stated as follows, "The golden rule in selecting a domain name is to be obvious; identify what most people will look for and pick that for your domain name. To be able to be found is everything on the Internet".

The outcome of this case casts some doubt on this reasoning, at least in so far as the domain name is also used as a company name and a company's principal trade mark. The Internet is really no different to any other area of commerce. The more descriptive a domain name (or company name or trade mark), the more likely competitors will be able to use a name (or mark) that is very close to the original. This is bound, in the long term, to lead to a loss of business.

A better strategy is to choose both an original and imaginative name and a descriptive name and to register both as domain names. The former would also be registered as a trade mark and, in appropriate cases, as a company name. The descriptive name could be used as bait to attract surfers to the main company website. Thus, if a pharmaceutical company sold an anti-migraine product it would want to own both the domain names [migraine.com](http://migraine.com) and [headache.com](http://headache.com) and to use these sites to attract potential customers to their company website, at which their proprietary treatment and its benefits to sufferers would be discussed.

In relation to the case in point, it is noted that the plaintiff, [eFax.com, Inc.](http://eFax.com), owns a US trade mark registration for E-fax covering relevant Class 38 services, as well as a UK trade mark registration for Efax covering computer software and programs and a German registration for the same mark covering facsimile apparatus. It is therefore likely that, even if Mr Ogelsby wins the full action in the UK, he will still face difficulties in running his website on a worldwide basis.



